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AMERICAN NURSERYMAN

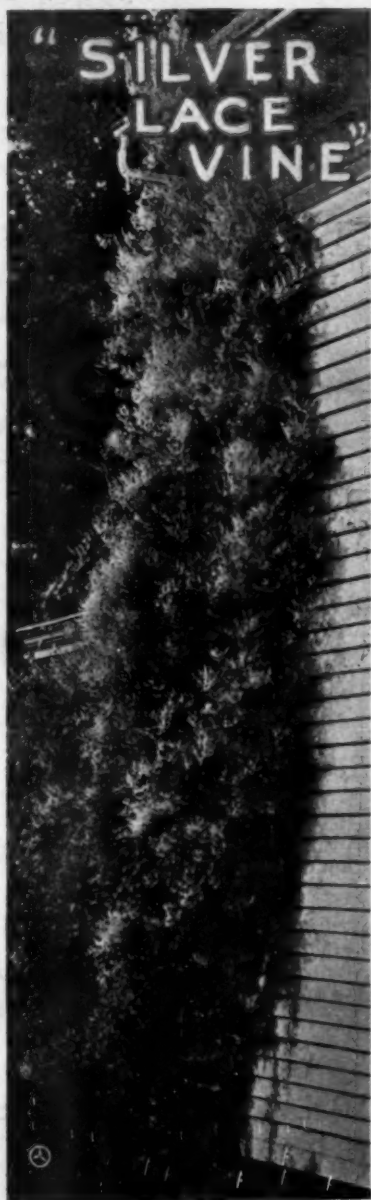
AMERICAN NURSERY TRADE BULLETIN

Chief Exponent of the American Nursery Trade

Vol. XLVI No. 9

NOVEMBER, 1, 1927

Per Copy 20c



Polygonum Auberti —AND OTHER THINGS

We are doing our best to keep up in our digging with Fall orders, and have made a good record so far.

Despite times during the Summer when prospects looked dubious, all stock has turned out fine, don't you think?

We illustrate Polygonum because that wonderful hardy vine has been one of the most striking items in sight this Fall. We had a big stock of it, but last month's sales cut in deep. Do you still need a few hundreds?

The lines of stock specially mentioned in the October and September issues, are still prominent, and all leaders.

This November month will wind up the digging and heavy Fall shipping; then a long wait until Spring. Which reminds me of a little inside-door sign I used to see when leaving my room in an old hotel:

Stop! Have you forgotten anything?

If it's anything in general nursery stock we probably have it, and will gladly co-operate with you in hustling it under your cover before the big freeze.

Or we will hold it safe for you in our own big frost proof cellars, if too late to ship, if we have your order.

At your service!

THE STORRS & HARRISON CO.

Est. 1854 "The Painesville Nurseries" 1500 Acres
PAINESVILLE, OHIO

39 STATE ST.

ROCHESTER, N. Y.

American Fruits Publishing Co

FALL 1927

A Complete Line of Nursery Stock

Fruit and Shade Trees
Shrubs, Privet, Vines
Roses and Perennials

FRUITS IN CAR LOTS

Cherry—1 and 2 year
Apple—2 and 3 year
Plum—1 and 2 year
Peach—1 year

C. M. HOBBS & SONS, Bridgeport, Ind.

ESTABLISHED 1878

Christmas Messages

**ARE EVIDENCES
of
GOOD WILL**

Which Will Work for You
All Next Year



**Remember Your Customers
With a Little
Greeting**

THE DU BOIS PRESS
Rochester, New York

CHERRY TREES! CHERRY TREES!

The Best That Can Be Grown!

**SWEET AND SOUR ONE AND TWO YEAR
CAR LOTS OR LESS**

We also offer for 1927
A General Assortment of

Standard and Dwarf Apple
Standard and Dwarf Pear,
Plum, Quince and Peach
TRUE TO NAME

Write For Our Attractive Prices

KELLY BROTHERS NURSERIES

Dansville, N. Y.

*A Complete Assortment
of*

New York State Grown FRUIT TREES

*Specializing in Car Lots
of*

APPLE - PEAR - PEACH

Special prices on
**BARTLETT PEAR, CORTLAND APPLE,
ELBERTA PEACH**

Also a Full Line of
ORNAMENTAL TREES
SHRUBS AND ROSES
American Arbor Vitae
Lombardy Poplars

W. & T. SMITH CO.

GENEVA, N. Y.

Organized in 1846 1,000 Acres in 1927

Best Tree Digger on Earth



Write for Descriptive Circular and Prices

Stark Brothers

NURSERIES AND ORCHARDS COMPANY

Louisiana, Missouri



Our Stock Has Completed its Growth And is Mature

Growing conditions have been ideal. We are better prepared than ever before to serve you. Our Trade List shows the complete line; if you have not received a copy, ask for it.

The **Huntsville Wholesale Nurseries, Inc.,**

1872

HUNTSVILLE, ALABAMA

1927

Since Eighteen Hundred and Fifty

FRANKLIN DAVIS NURSERIES, Inc.,

P. O. Box 102 Arlington Station,
BALTIMORE, MD.

ORIENTAL PLANES—As fine as an Oriental Plane can be.

LOMBARDY POPLARS **WEeping WILLOWS**
SILVER MAPLES **AMERICAN ELMS**
CALIFORNIA PRIVET **APPLES, 1 & 2 yr. Buds**

Special prices given on the above in carload lots.

FLOWERING SHRUBS **PEACHES**
BARBERRY THUNBERGII **GRAPE VINES**

Send Us Your Want List.

Although not mentioned here, we may have just what you want.

Established 1866

61st Year

NAPERVILLE NURSERIES

We offer a large assortment in
TRANSPLANTED ORNAMENTALS

**SHRUBS,
TREES,
VINES,
EVERGREENS &
PERENNIALS**

Our Special List of Transplanted offerings for Fall 1927, is about ready. If you do not receive a copy, a card will bring it.

Also a Good Assortment of

Lining Out Stock

Our Fall Lining Out Stock List No. 225 was mailed a few days ago. If you did not receive a copy, a card will bring it.

NAPERVILLE DuPage County ILLINOIS

Telephone—Naperville One

28 Miles West of Chicago on State Route No. 18
(Ogden Road) and C. B. & Q. R. R.

300 Acres devoted exclusively to the growing of
ORNAMENTAL NURSERY STOCK

American Fruits Publishing Co.

American Nurseryman

American Nut Journal

"THE AMERICAN LINE"

Leading Publications in Their Fields

P. O. Box 124

39 State St.

Rochester, N. Y.

24 Issues for \$30

A Whole Year's Advertising

Less Than 58c Per Inch Per Week

¶ Is your business able to maintain a display sign the year around before the entire Nursery Trade? You can do it for above rate, commencing now, in

AMERICAN NURSERYMAN

Published Semi-monthly, on 1st and 15th

Two insertions for the single rate.
Twice a month publicity.

THIS SPACE

\$2.50 Per Month Under Yearly Contract Terms
58 Cents Per Week

Less Than Yearly: \$2.80 Per Month

ORNAMENTALS IN CARLOAD LOTS!

Send us your list of wants as we can often quote lower prices on stock we have in heavy surplus. You will be pleased with our service.

Send for Trade List

Onarga Nursery Co.
ONARGA ILLINOIS

THE MONROE NURSERY

ESTABLISHED IN 1847

Wholesalers of
Fruit and Ornamental Trees
Shrubs, Vines, Roses, Perennials

With an exceptionally fine stock of
Catalpa bungei—1 & 2 year
Lombardy Poplar—all sizes

Let us quote your want list.

I. E. ILGENFRITZ' SONS CO.
MONROE, MICHIGAN

Manufacturers of the Ilgenfritz Nursery Planting Machines
and Ilgenfritz Digger Plows.
Description and prices on application

Vincennes Nurseries

W. C. Reed & Sons, Vincennes, Ind.

Offer for Fall 1927:

CHERRY, One Year—Both Sweets and Sours
All leading Varieties
11/16 up. 9/16 to 11/16. 7/16 to 9/16.

CHERRY, 2 Year—A limited amount Sour Sorts
11/16 up. 9/16 to 11/16

CHERRY, XX—1 to 1½. Also XXX 1½ up.

PEAR and PLUM, 2 & 3 Year
All grades Leading Varieties.

Car Lots or Less.

Send List of Wants for Prices.

J. H. Skinner & Co.

Topeka, Kansas

WE OFFER

Apple, Cherry, Peach, Pear and Plum Trees
Apple Seedlings Pear Seedlings

Spirea Van Houtti, all grades

Privet, Amoor River North
2 to 3 ft., 4 or more canes.

Also lighter grades.

Lilac, named varieties
Paeonias

Apple and Pear Grafts, Whole and Piece Root.

Wayside Gardens

HARDY PERENNIAL PLANTS
EXCLUSIVELY

Write for Trade List.

THE WAYSIDE GARDENS COMPANY
MENTOR, OHIO

CHERRY TREES

Sweets on both Mazzard and mahaleb stocks, one and two year.

Sours on mahaleb stocks one and two year.

Trees grown in a "cherry country" where both sours and sweets flourish.

Write for Price List.

Special Prices on Car Lots.

J. F. JONES, Lancaster, Pa.

Radiance, 3-colors, Gruss an Teplitz

Also

Full Assortment other H T Varieties

OWN-ROOT ROSE BUSHES

Our Specialty



Howard Rose Co.

HEMET, CALIFORNIA

Revised Fall List Now Ready.

Source of **RELIABLE** Nursery News

Is the Nursery Trade Journal

Exclusively for Nurserymen

Those who are content
with a side issue
Get side issue results

The only publication in America devoted to the Nursery Trade in general as a Main Issue is the

AMERICAN NURSERYMAN

AMERICAN NURSERYMAN --- November 1, 1927

EDITORIAL DEPARTMENT—Communications on any subject connected with Commercial Horticulture, Nurseries or Arboriculture are cordially invited by the Editor; also articles on these subjects and papers prepared for conventions of Nursery or Horticultural associations. We also shall be pleased to reproduce photographs relating to these topics, Orchard Scenes, Cold Storage Houses, Office Buildings, Fields of Stock, Specimen Trees and Plants, Portraits of Individuals, etc. All photographs will be returned promptly.

Advertising—Advertising forms close on the 25th of each month. If proofs are wanted, copy should be on hand one week earlier. Advertising rate is \$2.50 per column-width inch.

"AMERICAN NURSERYMAN" is distinctive in that it reaches an exceptional list and covers the field of the business man engaged in Commercial Horticulture—the earl operator. Here is concentrated class circulation of high character—the Trade Journal of Commercial Horticulture, quality rather than quantity.

"AMERICAN NURSERYMAN" will not accept advertisements that do not represent reliable concerns.

SUBSCRIPTIONS—"AMERICAN NURSERYMAN," published semi-monthly, on 1st and 15th, will be sent to any address in the United States for \$2.50 a year; to Canada or abroad for \$3.00 a year. Single copy 10c of current volume, 25c; of previous volumes, 25c.

RALPH T. OLCOTT
Editor, Manager

AMERICAN FRUITS PUBLISHING COMPANY INC.

39 State Street,
Rochester, N. Y.

WHAT THIS MAGAZINE STANDS FOR—Clean chronicling of commercial news of the Planting Field and Nursery. An honest, fearless policy in harmony with the growing ethics of modern business methods.

Co-operation rather than competition and the encouragement of all that makes for the welfare of the trade and of each of its units.

Wholesome, clean-cut, ring true independence.

INDEPENDENT AND FEARLESS—"AMERICAN NURSERYMAN" makes no distinction in favor of any. It is untrammelled in its absolutely independent position and is the only Nursery Trade publication which is not owned by nurserymen.

This Magazine has no connection whatever with a particular enterprise. Absolutely unbiased and independent in all its dealings.

Though it happens that its place of publication is in the eastern section of the country, it is thoroughly National in its character and International in its circulation.

Its news and advertising columns bristle with announcements from every news corner of the Continent.

It represents the results of American industry in one of the greatest callings—Commercial Horticulture in all its phases of Nursery Stock, Orchard and Landscape Planting and Distribution.

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Inventory Bulletin

Giving quotations and grades
out about November first.

...

Booking orders for early spring
shipment.

...

Always pays to place your
order early.

...

C. R. BURR & COMPANY, Inc.

General Nurserymen

MANCHESTER, CONNECTICUT.

We Do Not Sell at Wholesale to Retail Buyers



**BLACK
HILLS
SPRUCE**

*Hardy
Compact*

*Silver Green
in Color*

*Four Times
Transplanted*

*Resists
Drought*

We can supply your needs, in carload lots or less,
for specimen trees of any size from 12 to 48 inches.

Our thousand acres also contain evergreens of
many other varieties, both specimen and lining out
stock.

Also fruit trees, ornamentals, and shade and forest
trees.

Write for prices

The Sherman Nursery Co.

CHARLES CITY, IOWA

This Morning

*finds several large gangs of
men taking up stock for win-
ter storage.*

If You

*could see it you, too, would
be listed among our satisfied
customers.*

Orders of

*all sizes are much appreciat-
ed. How about yours?*



Lake's Shenandoah Nurseries

"57 Years as Wholesalers"

Shenandoah,

Iowa



Have you received our new price list?
It is worth having and is a real re-
ference on hardy ornamentals.

PRINCETON NURSERIES

PRINCETON, NEW JERSEY
Wm. Flemer's Sons, Inc.

**MAKE SURE "G P M" ON
BALE HAS END**

NOTE PLEASE:

The Original, Genuine



**IMPORTED GRANULATED
PEAT MOSS
Turf Mull**

has our registered triangle trade mark stenciled on the end
for your protection when purchasing. Please LOOK SHARP
for it. Each bale contains a generous eight bushels, sufficient
to spread at least 240 square feet, one inch deep. Price \$3.00
a bale, F. O. B. New York. Discounts on quantity orders.
Shipped from other principal cities at same or slightly higher
price. Many nurserymen have written us in detail how they
have obtained profitable results from its use. Write us and we
will pass on these valuable facts to you.

ATKINS & DURBROW, INC.

29 HURLING SLIP,

NEW YORK

AMERICAN NURSERYMAN

[Reg. U. S. Pat. Off.]

The Chief Exponent of the American Nursery Trade National Journal of Commercial Horticulture

Entered September 6, 1916, at Rochester, N. Y. Post Office as second-class mail matter

WITHOUT OR WITH OFFENSE TO FRIENDS OR FOES, I SKETCH YOUR WORLD EXACTLY AS IT GOES.—BYRON

Vol. XLVI

ROCHESTER, N. Y., NOVEMBER 1, 1927

No. 9

SPECIAL SEASONAL CROP AND MARKET REPORTS

Garfield, Ark., Oct. 20—Black raspberry tips are scarce in No. 1 quality; red raspberry not too plentiful. Blackberry and Dewberry of good grade in large quantity.

Sales slow, much below last year at this time. Prospects fair to good. Local demand poor on account of spring and later floods, late frosts and general farm depression.

J. L. MURRAY.

Overproduction Feared

Knoxville, Tenn., Oct. 20—Most of those in the trade are optimistic as to this year and it is starting off good. But there is a feeling of insecurity from the fact that everyone seems to have propagation of ornamentals on the brain and the supply of young stock coming on, it looks to us, is going to cause a bad slump. We are afraid of a period of price slashing. We can see that, to some extent, even this year; as there are some items that can be bought right now at less than the price of production.

We do not want to appear pessimistic, but we can almost see overproduction staring us in the face.

HOWELL NURSERIES.
S. R. Howell.

Sales Promotion the Thing

Kalamazoo, Mich., Oct. 15—The demand for fruit trees has been very light all season, although we expect a good many winter orders for peach, apple and cherry. Prices which growers receive this season would warrant this belief. Small fruits, except grapes, should move to the extent of the supply of plants, as the demand and prices for the fruit were very satisfactory. Grapes are a rather poor crop, but of excellent quality. Do not look for much planting of grape vines next spring in the Michigan vineyard district.

Trade in ornamentals continues very good, especially evergreens and shrubs.

On the whole, business prospects for another year appear fair to good. With proper emphasis on sales promotion, there should be no surplus next spring in the following items: evergreens, shrubs, and shade trees in sizes for immediate effect; cherries, peaches, winter apples, raspberries, roses. We believe there will be a plentiful supply of other stock and of small-sized evergreens and deciduous shrubs and shades.

The greatest danger now facing the Nursery industry appears to be over-production of all kinds of ornamental stock. Too many are spending time, money and energy in trying to grow Nursery stock when they might better devote their resources and talents to selling. There must be a well-

balanced relation between production and sales or both branches of the business will inevitably suffer.

PRUDENTIAL NURSERY COMPANY.

In the Detroit District

Detroit, Mich., Oct. 22—Business in and around Detroit is not very good, although it has begun to pick up a little and possibly we will have our usual quota before the season is over.

We have no large surplus of stock this year, although we are well supplied with ornamental shrubs, vines, roses, lining-out stock, peach trees, and some varieties of apples. Before spring is over, we believe we will move everything we have to offer in quantities; but it is a little early yet to anticipate what the spring season will bring forth.

Our new plant at Romeo, Mich., is moving along nicely, though building operations were held up until April 1, owing to some leases on the land which prevent us from starting building operations as early as we expected.

THE PONTIAC NURSERY CO.
B. J. Manahan, Manager.

Competition Keen

Scotch Plains, N. J., Oct. 21—Business conditions on the whole are not like last year, although during the last two weeks trade picked up considerably.

We carry a general line of Nursery stock, mainly rhododendrons, azaleas, etc. Certain items we will dispose of in the wholesale way. Our evergreen stock runs from two to ten feet in height, covering an acreage of 50, with plenty of good stock on it. We have found competition very keen and therefore, have been obliged to cut our retail prices considerably to meet the demand.

PLAINFIELD NURSERY.

Season Was Exceptionally Fine

Cheshire, Conn., Oct. 17—The past season has been an exceptionally fine one with us, and we think this condition has been general throughout the trade in all sections.

The supply of evergreens seems to be ample for the demands, except in the larger sizes, and we believe there is an oversupply of small evergreen seedlings and transplants. We do, however, feel that this over-supply will adjust itself and to us the future of the Nursery business looks bright. There may possibly be a little let-up in sales next year, but we attribute this more to presidential election year than anything else.

THE NORTH-EASTERN FORESTRY CO.
F. S. Baker, Manager.

Say you saw it in "American Nurseryman"

Tree Planting Campaign

A tree-planting campaign to begin on Armistice Day is being urged by Mrs. J. L. Lovejoy of McKinney, Tex., state chairman of highway and memorial tree planting in the Texas Federation of Women's Clubs. She has declared that she will attempt to have 50,000 trees planted by as many federated club women in the state.

Encouraged by recent action of the State Highway Commission in ordering removed signs now on the right of way of highways, Mrs. Lovejoy has become enthusiastic concerning the possibility of beautifying roads in Texas.

With respect to her plan she has issued the following request:

"Texas club women are looking forward with pleasure to the biennial convention of General Federation of Women's Clubs, which meets in San Antonio in 1928. This they hope to make the greatest of all the many gatherings which have made history for the General Federation, a membership of 3,000,000 club women.

"We want our highways beautiful for this occasion, as many will travel by automobile. Most of our guests will visit Austin, the capital of our state, and we might follow the plan of the club women of Washington, D. C., who made their national highway attractive by planting on the national highway leading into Washington an American elm with bronze marker at base of tree for each past President of the General Federation.

"Why not show our appreciation of the work of our past state presidents by planting a memorial tree for each on the state highway between Austin and San Antonio?

"Plant trees on all state highways, parks and school grounds for soldiers or others who have rendered outstanding service and thus show your appreciation now.

"We urge all to enlist in the tree-planting army, beginning the work Nov. 11, Armistice Day. Be the moving spirit in your town or countryside, for the co-operation of the people is needed to make this a success and Texas one of the beauty spots of the world."

OKLAHOMA NURSERYMEN'S ASSOCIATION

W. E. Rey, Oklahoma City, Secy.

Ponca City, Okla., Oct. 1—Ponca City may have the honor of entertaining the next state convention of Nurserymen, according to Henry Hatashita, landscape gardener for E. W. Marland.

Hatashita recently returned from Ardmore where he attended the state convention of Nurserymen. He was the only Poncan who attended the meeting. A mid-winter meeting in Oklahoma City will decide the place for the next state session.

Following the convention Mr. Hatashita went on a trip through Texas where he visited a number of the southern Nurseries. He also visited at Durant in this state. His return trip included Gainesville, Tex.

Very few plants for the Marland game refuge have been brought from the South, says Mr. Hatashita, and the result of this trip will probably mean the shipping of southern plants to be used here.

The evergreen and its growth in the South impressed the local landscape man probably more than any other thing that he saw.

BOTH SIDES OF NURSERYMAN-PLANTER RELATIONS

By O. S. Gray, N. Texas Agl. College at Southwestern Association Meeting

Having been a county agent employed in farm demonstration work for several years, later a Nurseryman and now neither a county agent nor a Nurseryman, I hope to be able to discuss some phases of my subject in a manner that will be helpful to the establishment of a more hearty co-operation between all parties concerned.

I desire to say at the outset that it is not my purpose to include in my remarks all those things that will sound pleasant to Nurserymen and omit all those things which you will disagree. I prefer to bring before you both sides of my subject—to view it both as a county agent and as a Nurseryman. It may be that in your expressions of varying opinions and ideas you will accomplish much good. I am reminded that someone said that there were three sides to all questions, your side, my side and the right side.

The county agent has been called one of the legs of A. & M. college—he carries the college directly to the people on farms, keeping them informed of those things found out in the agricultural experiment stations and taught in the agricultural colleges. He not only tells of the latest findings in better farm and orchard practice, but by demonstrations shows the practical applications and value.

Let us take a concrete example. When I was in Ellis county as county agent, I thought I saw a need for a soil improving pasture plant for black land. A survey of college and experiment station literature indicated that sweet clover was worthy of trial; so after some persuasion I found some eight or ten farmers willing to give it a trial on a small plot of ground. No local merchant handled sweet clover seed; so it was to my interest to see that the very best obtainable seed was obtained and I ordered the seed myself, distributing to the farmers at actual cost.

The results of some of the plantings served to demonstrate the value of sweet clover in that particular county.

In the sweet clover demonstrations described above, the county agent bought and distributed the seed for the demonstrations. Had the county agent continued to buy and distribute sweet clover seed for general planting, he would have done so in violation of his regulations. The county agent is not supposed to be a merchant employed by the government to sell at cost in competition with legitimate dealers. He is, in a strict sense, an advisor.

I wonder how many of you have had a county agent write you (probably a carbon copy of a letter addressed to 50 Nurserymen) that he had a group of farmers who wanted to set 5,000 or 10,000 trees and ask for a special price; then have him send an order for 2 dozen trees at the quantity price you make? It is all right for the county agent to help buyers locate supplies of Nursery stock and to give suggestions as to its purpose, but it is against the regulations under which he is employed for him to become an actual business agent. Nurserymen should not expect county agents to become their personal representatives in their respective counties.

The Nurseryman seldom sees any great portion of his trees after they are sold; the county agents see a great many of them, and right here is one of the greatest opportunities for co-operation. The county agent can give many helpful suggestions with reference to transplanting and after care of orchards. Even the simple operation of transplanting is a mysterious and complicated process to many laymen who are sometimes confused by directions sent by Nurserymen.

The county agent service has done a great deal of good in encouraging the cultivation of orchards. The ordinary farm orchard has suffered much from lack of cultivation, lack of pruning and the encroachment of insects and disease. The pruning and spraying demonstrations of the county agents are the only sources of helpful information and demonstration relative to mixing and application of sprays for disease

control and as to orchard management. Many of our older farmers came from regions of untilable, rocky hillside orchards "back East" and still believe that it is harmful to cultivate an orchard.

When trees come into bearing, the agent is again called upon for suggestions as to harvesting, grading, marketing, etc.

Since the county agent and the Nurserymen are interested in the same thing—success with the orchards, there is certainly room for co-operation.



O. S. GRAY, Arlington, Tex.

Let us remember that the county agent is employed as an advisor to protect the welfare of the farmers in his county and promote their prosperity; also, in his county he is there as an indirect servant of the Nurseryman, for surely in promoting the orchard interests he is making it possible for you to do a greater business.

The county agents and the planters have some very distinct rights:

1. They have a right to expect the Nurseryman to ship clean trees. Under our present ineffective system of inspection, far too many nematode and crown gall trees are shipped by Nurserymen. When the county agent is called on to ascertain the cause of unhealthy appearing and dying trees, diagnoses the cause and comes to find that shipments from certain Nurseries invariably show heavy infection in communities where stock from other sources is almost or wholly free, the county agent is almost certain, whenever opportunity offers itself, to advise the purchase of trees from places whose trees are standing up best.

It seems to be commonly believed that a great many Nurserymen, in one way and another, get by the inspector and make a practice of shipping diseased stock. Such instances are common conversation among Nurserymen as well.

2. The county agent has a right to expect the Nurseryman to advise customers correctly about varieties. The Nurseryman is often an authority on varietal adaptation and when the customer leaves the selection of varieties to the Nurseryman, he has a right to expect expert selection—not a conglomeration of off-brand varieties. The Nurseryman who pulls Elberta, Mamie Ross and Carman trees from the same pile in the heel yard is not worthy of repeat orders. The Nurseryman should be expected to send trees of varieties correctly named. While I was county agent I heard more complaints about trees not true to variety than about everything else combined.

3. The county agent expects the Nurseryman to ship well-grown trees and at a reasonable price.

The Nursery is the only practical source of stock from which trees may be obtained to carry out the county agents plans for home and commercial orchards in his county; the county agent is your practical aid in educating and in demonstrating proper

orchard care. There is surely a wonderful opportunity for co-operation and I'd like to offer the following suggestions:

1. If I were a Nurseryman, I'd do everything in my power to build up a public confidence in me and my business. The good will of a business is its greatest asset. The problem before the Nurseryman today is the building of public confidence. I am also convinced that public confidence in Nursery is at a very low ebb—almost at zero as compared with the ideal of the conscientious Nurseryman. In saying this, I realize that much of the feeling has come from unscrupulous agents and heel yard men but even this fact does not lessen the truth of the matter—it only emphasizes the need of work on the part of the Nurseryman to convince the general public that they may place full confidence in his particular Nursery and his methods of business.

I will venture the assertion that the Nurserymen of the present who enjoy the largest increasing volume of business are those who are most rapidly building public confidence, and that those Nurserymen who continue to enjoy the good will of the largest number of people will continue to dominate the field.

2. I'd make it my business to see that no diseased trees went from my place. Personally, inspection law or no law, I think that no Nurseryman has a right to ship trees with crown gall or nematode knowingly. To my mind it is a terrible thing to send infected trees to a man with clean ground.

3. I'd keep in touch with the county agents—let them know that you will welcome inquiries and suggestions and criticisms. Recognize him as a cog in the wheel. Advertise in your catalog, "Consult your county demonstration agent." Offer your co-operation to the agents, prizes to boys' and girls' clubs, etc. Since confidence rests so much upon acquaintance and friendship, I'd cultivate them.

I say what I do with the consciousness that my criticisms are largely toward the class of man who is not in attendance and that among you are members who could be but falsely accused of unethical methods. The Nurserymen and the county agents are both necessary parts of any great horticultural program and there ought to exist between them a spirit of mutual helpfulness and co-operation. This spirit does exist in counties where the Nurserymen and agents are in close contact, and I believe the spirit would be more general if you were more widely acquainted with each other. My final suggestion would be that there be less "knocking" among Nurserymen of each other—knocking destroys public confidence in both the knocker and the knocked. Be a booster and build up good will. You have a worthy task before you.

Expect Heavy Spring Shipments

McMinnville, Tenn., Oct. 22—Have had a poor growing season in this section, especially for June-budded peach trees. One-year peach are good, but more scarce than usual.

Apples have made fine growth, and one-year apple are plentiful, but two-year are in very brisk demand.

Our sales at retail have been heavier than for last season. Fall shipments are just now under way, with fair prospects for collections. We expect to have heavy shipments for spring 1928, judging from orders booked up to the present time.

We are opening our new Nursery at Iron-ton, O., which will, we think, greatly stimulate sales in that section.

POTTER SALES NURSERY CO.

Clyde Potter.

Wichita Nursery, Wichita Falls, Tex., is making rapid progress on its new grounds of 457 acres near the city, with full modern equipment. A fine office building is in the center of the city.

AMERICAN ROSE SOCIETY

Robert Pyle, West Grove, Pa., Secy.

President Atkins Address at the Society's Recent Annual Meeting

It has been conceded for many years and we now admit the Rose is the Queen of Flowers, and has occupied the floral throne with perfect grace and dignity for many centuries; is recognized and accepted as the Queen of Flowers in every country where it will grow. It receives homage, press notices and attention on all occasions. Gold and silver have been showered upon it in many forms. As many as five gold medals have been given to one Rose in a season.

The world is abundantly enriched by its presence, the garden, the home, the office, hospitals, the bridal and sick chamber, and an occasion is not complete unless the Rose is there in its accustomed position. I do not like to commercialize the Rose, but I may say Rose plants and flowers have become quite an important factor in our industrial and commercial life.

In the garden its presence is ever sensed; its fragrance and beauty enjoyed and admired, and the most wonderful of all, the Rose is in our presence every day in the year; available in quantities sufficient to meet all our needs. No other flower has ever given as many pleasures and disappointments; in fact the disappointments are so many and so pronounced that they often become pleasures on account of their frequency and certainty, but in spite of adversities, interest and love never ceases.

As a plantsman, I believe many of our failures and disappointments in growing outdoor Roses come from our lack of cultivation knowledge, and as we acquire the necessary technique, many of the cultivation errors will be removed and success will naturally follow. We can well take a lesson from men who are growing Roses under glass, but I do believe the last word in outdoor cultivation of the Rose will never be recorded.

As we choose our most charming maids and name them Miss Wilmington, Miss Rutherford, we likewise name our most beautiful varieties of Roses, America, Los Angeles, instead of such very beautiful but forgettable names like "Souv. de L'Aviateur Oliver de Montalent." In this we have found a way to perpetuate the names of countries and cities and bring them into the floral life.

Then another thought about which I like to speak is that of fellowship. Were it not for the Rose, many of us would never have met on or in this or any other hemisphere or atmosphere. The Rose is bringing together individuals and groups of people in many countries. In this the American Rose Society and local Rose societies are all playing their human part, in fellowship and creating happier and brighter places in which we can dwell in peace and happiness and, beyond this, the Rose can cover a multitude of unsightly places, our schools, and play grounds, parks and recreation grounds, railroad stations, fences along the railroads, and numerous other places where Roses will grow.

Every member of this, the strongest and most important of all flower societies on the American continent, can do their part in promoting the interest of the Rose by planting and acquiring a speaking acquaintance with different kinds and varieties, diseases and disappointments, then pass this knowledge on to those of your friends who ask and are in need of it.

I again wish to express the thought that I am looking forward to the day when we shall have a distinct race of American varieties of Roses, thornless, black-spot-less, bug-proof, and immune to insects and plant diseases; adaptable and suitable for all parts and soils of this country. Kinds that will grow, bloom freely and abundantly through the season, and hardy enough to stand all our varied climatic conditions. The hybridist will have to be a man of vision to overcome these complex conditions. He will do it—time will tell. You may then enjoy your summer vacation without worry-

PEONIES

25% Discount as long as stock lasts, on orders amounting to \$10.00 or over. Smaller orders at list price.

Strong, healthy, 3 to 5 eye divisions. Strictly first-class plants in every respect.

	10	100		10	100
500 Albatre	\$4.00	\$35.00	150 Mme. Bollet	\$2.50	\$20.00
200 Albert Crousse	5.50	50.00	150 Mme. Calot	2.75	22.50
100 Alfred de Musset	3.50	30.00	300 Mme. Chaumy	3.50	30.00
100 Aurore	7.50	65.00	100 Mme. de Galhau	4.00	35.00
400 Avalanche	4.00	35.00	200 Mme. de Vetry	2.75	22.50
400 Boadicea	2.50	20.00	500 Mme. de Verneville	2.50	20.00
150 Boule de Neige	4.00	35.00	250 Mme. Galle	4.00	35.00
100 Claire Dubois	5.50	50.00	200 Mme. Forel	4.00	35.00
100 Comte de Gomer	4.50	40.00	600 Mme. Geissler	3.50	30.00
300 Couronne d'Or	3.00	25.00	200 Modeste Guerin	4.50	40.00
200 Delachei	4.50	40.00	200 Mons. Dupont	4.00	35.00
500 Delicatissima	2.50	20.00	500 Mons. Jules Elie	4.50	40.00
150 Eugene Bigot	8.50	75.00	100 Octavie Demay	4.00	35.00
300 Eugenie Verdier	6.00	55.00	100 Mons. Martin Cahuzac	20.00
300 Festiva	2.50	20.00	350 Princess Beatrice	3.00	25.00
500 Festiva Maxima	2.50	20.00	200 Simonne Chevalier	8.50	75.00
150 General Dodds	5.50	50.00	100 Suzanne Dessert	6.50	55.00
150 Grandiflora	8.00	70.00	100 The Moor	20.00	175.00
100 L'Etincelante	17.50	150.00	35 Therese	40.00
100 Marguerite Gerard	5.50	50.00	300 Umbellata Rosea	3.00	25.00

CLIMBING ROSES—EXTRA LARGE

Grown to stakes, four or more long canes on every plant, carefully trained, 3 to 5 feet long. \$3.00 per 10, \$25.00 per 100, \$225.00 per 1000

VARIETIES

American Pillar
Christine Wright
Dr. Van Fleet

Excelsa
Gardenia
Hiawatha

White Dorothy Perkins

Tausendschoen
Dorothy Perkins
Veilchenblau

ORDER IMMEDIATELY BEFORE STOCK IS SOLD OUT

ORNAMENTAL AND SHADE TREES

SILVER MAPLE—Beautiful stock, 6 to 8 and 8 to 10 feet.

ORIENTAL PLANE—Beautifully straight trees with symmetrical, well furnished heads, 6 to 8 and 8 to 10 feet and 1/4 to 1 1/2 in. caliper.

LOMBARDY POPLAR—from 6 feet to 2 1/2 inches caliper.

BECHTEL'S CRAB—2 to 3 and 3 to 4 feet.

PRUNUS PISSARDI—from 2 to 5 feet.

GET THESE

TRADE CATALOGUE and price list.
List of LINING OUT STOCK.

600 Acres. Completely, modernly equipped

"Everything That Is Good and Hardy"

COLE NURSERY COMPANY

46 Years at PAINESVILLE, OHIO.

ing about the Rose bushes in the garden back home.

It is gratifying to know that standard or tree Roses are again being planted in many of our gardens; species Roses are being carefully studied and the border Roses are becoming more popular every year. Climbing and pillar Roses have been admired by tourists the past spring as never before. I believe those who motor will do so in years to come, just to enjoy the feasts and displays of these Roses; for myself, I never saw the Roses on the waysides and in rural gardens as I did touring through the New England states this summer. One can only roughly visualize as to the beauty and magnitude of such displays in future years. As the membership of the Society grows, beauty spots will grow in proportion. I wish that every Rose in every garden, everywhere could be enjoyed by everybody, instead of being hidden by a stone wall, fence or hedge. Members will, I am sure, do their part to bring about conditions that Roses may be enjoyed, loved and admired.

In conclusion if you will allow me to make one constructive suggestion to members of the American Rose Society, after they have a speaking acquaintance with the Rose or a knowledge of varieties, their merits and demerits, to make this a part of their daily conversation with those whom they meet or associate with. By doing this they will create Rose enthusiasts and garden lovers that would not otherwise exist.

The last thought I wish to leave with you,

don't depend too much on the Rose knowledge of the other fellow if you are anxious to have real success; love, and work with your plants. An ounce of your initiative will be of greater value than the proverbial ton of advice of the expert living across the street.

Kadota Fig—It should be emphasized that the Kadota fig industry is of very recent origin in California. The immense increase in acreage in the past six or eight years has been largely due to the activities of land promoters who, in many cases, have profited financially at the expense of investors. Bare land to be planted to Kadota figs and to be given three years' care has been and is still being sold at figures far above those which would purchase bearing orchards in proven fig districts. There are no Kadota orchards in California in full bearing. The oldest, at twelve years of age, has produced five tons of fresh figs per acre, which is only a quarter of the tonnage produced by good peach orchards at the same age. Very few Kadota orchards bear commercial crops the third season, and hundreds of acres have failed even at five and six years of age to produce crops of much financial value. Kadota figs come into competition with preserved and canned Magnolia figs of Texas, where the acreage of canning figs is larger and the output greater than in California. Reliable growers and packers deprecate any extensive or rapid increase in the Kadota acreage.—University of California Bulletin.

AMERICAN FRUITS

[Reg. U. S. Pat. Off.]

Offer New Red Gravenstein

A new Gravenstein apple which has a solid, dark red color and is a decidedly attractive fruit as compared with the common Gravenstein is being offered to fruit growers on the recommendation of Dr. U. P. Hedrick, horticulturist at the Experiment Station, Geneva, N. Y., where the new variety has been under test. In discussing it Dr. Hedrick says:

"It differs from the old Gravenstein only in the solid, dark-red colored fruits, the parent fruit being light red and much striped with yellow and green. Pinks Gravenstein, another sport of Gravenstein, is also striped and much lighter in color than Red Gravenstein, although handsomer than the original variety.

"These three Gravensteins are most excellent autumn apples, but on the Station grounds the Red Gravenstein has proved so superior in appearance that in the future its culture alone of the three will be recommended.

"The trees on the Station grounds came from the Washington Nursery Company of Toppenish, Wash., in 1911. They have fruited several times, so that we are now certain of the new fruit and that it differs only in color. The sport is said to have originated with Van Sent V. Whipple of San Juan County, Washington, about 1907 or 1908."

Red Gravenstein is now to be had from several Nurseries in the Northwest and from the New York Fruit Testing Co-operative Association at Geneva which propagates the new varieties of fruit originated by the Experiment Station fruit breeders as well as promising sorts from other sources which the Station horticulturists recommend.

Supplying Chestnut Demand

Amelia Riehl, Godfrey, Ill., Before Mid-West Nut Growers' Association

At our meeting last year, I said that chestnuts are our most reliable crop; that they never fail; that each year, as the trees grow larger, the crop of nuts is larger in proportion. This year is the exception to the rule. Probably because of the immense crop last year (we harvested more than twice as many nuts as ever before) and also because of the continued wet and cold weather during the blossoming season last spring, our chestnut trees are taking their first vacation since I can remember. A few trees, here and there through the groves, are bearing a full crop; but many trees did not even set any burs.

Chestnut trees, like anything else, will do better work when they are well fed. But we have found that they will grow and bear nuts even in very poor soil, provided it is well drained. We thought that some of our bearing trees were affected by the continued wet weather last spring; and one of our Nursery plots was nearly ruined. Our best lot of seedlings happened to be on level, low lying ground. It was too wet to cultivate before the trees were grafted; and for several weeks afterward water was standing on the ground most of the time. The grafts made a good growth of from six to fifteen inches, and then died. We looked at the roots and found that they had rotted. The trees on higher ground look very well,

but did not make quite so good a growth as in normal seasons.

It may be of interest to some to know that chestnuts grown in the Mid-West always bring the highest market price, where they are known. That is, they command a price of their own, regardless of the regular market quotations. To illustrate: Last year, when we realized that the crop was going to be unusually heavy, we thought perhaps the one commission house in Chicago that had always sold our nuts could not handle them all to advantage. So we looked around for other markets. Mr. Reed secured for us from the Bureau of Economics at Washington, addresses of several reliable dealers in half a dozen nearby cities. We picked out one name (that sounded good) in each city, and made a small shipment to that address. The nuts were immediately sold for the highest price on the list of market quotations; which was something like 12½ or 15 cents per pound, when the same nuts were selling in Chicago for 25 and 30 cents. All to whom we shipped were greatly pleased with the nuts and wanted more. But they were terribly shocked when we told them what they should be getting for them. Gradually, as the buyers came back for more of those same good nuts, the commission men asked more for them; and two of them actually succeeded, before the season was over, in bringing the price up even higher than that which the old house in Chicago was getting. The reasons that the Mid-West chestnuts are so popular (as soon as people come to know them) are several. 1st, they are comparatively free from weevils. 2nd, they are larger than the chestnuts in the East, and so are more easily and quickly prepared for use. 3rd, they are generally sweeter, more finely grained and delicately flavored than the imported nuts.

I was recently asked if I would be interested in some new poplars for reforestation purposes. My reply was that I am very much interested in reforestation; but do not see the sense in planting poplars when chestnut and walnut trees will accomplish almost the same thing and give us nuts beside.

Fruit Seed Germination

The housewife's plan of putting a peach pit out of doors under a stone has been the occasion of many a jest, but the practice is sound both theoretically and practically if the peach pit is expected to germinate the following spring, say horticulturists at the Experiment Station at Geneva, N. Y. The same pit held indoors over winter would not germinate when planted in the spring, although if left undisturbed it would probably germinate a year later.

A practical illustration of this fact is to be seen on the Station grounds this season in the case of two lots of cherry seed, say the specialists. One lot was planted out of doors in the spring and lay dormant in the soil until the following spring. A second lot was stored in moist sand in an ice house for several months and when planted out it germinated at once.

"Some seeds, such as corn and wheat, will germinate as soon or almost as soon as they are mature. In fact, tomato seed will germinate although gathered in an immature condition. But in the case of seeds from the hardy fruits, like the apple, peach, pear, cherry, and plum, the seeds will not germinate for years until certain changes have taken place within them which are closely approximated by nature by the moist cool conditions to be found in the soil during winter. Nurserymen recognize these principles and either plant their seed in the fall of the year or else bury it out of doors in sand in a well-drained, vermin-proof place.

"Because of this practice, it has come to be believed that fruit seeds must be frozen

before they will germinate. This is not true. Actually most seeds are not improved and are often injured by freezing. The after-ripening processes are carried on best at temperatures slightly above freezing and in the presence of moisture. If seed is kept frozen it will not after-ripen. If it is kept dry it will not after-ripen. The best conditions are those provided by nature in late fall or early spring when the ground is moist and just above the freezing point.

"Carrying this idea still further, it becomes easy to after-ripen seeds artificially. The ice compartment of a household refrigerator, for example, does well for a small quantity of seed, while for larger amounts the ice house is satisfactory. Some Nurserymen have constructed temperature-controlled cellars especially for the storage and after-ripening of seed. The advantages in artificial after-ripening is that conditions can be controlled and the seed can be watched for any unexpected behavior."

New Varieties of Fruit

New varieties of fruit which promise to replace present well-known kinds have recently been developed from the outcropping of seedling stocks, according to Prof. O. M. Morris of the State of Washington College, department of horticulture.

E. H. Zickler, Buena, prominent Yakima Valley orchardist, has developed a peach on his place which has all the best qualities of the present variety and in addition is almost free from down. A box of these peaches was recently sent the State College horticulture department and the fruit is being closely studied.

Another outcropping which bids fair to become a favorite is a nectarine sent to the college from the Columbia and Okanogan Nursery Company of Wenatchee. Twice the ordinary size of the present variety, the specimen also deviates absolutely from nectarine heritage, in that it is covered with a short, fine down. It is considered by local experts as an entirely new variety.

The new red Delicious apple is fast gaining in popularity and may in time force the present striped variety out of competition, thinks Professor Morris. Among other new seedling developments which are receiving favorable comment are the Black Stamen, Chelan and Palouse apples.

"Virtually all the commercial varieties of apples, pears, peaches and plums now found in the Northwest originated east of the Mississippi, so these new seedlings may be better adapted to local climatic conditions than present favored varieties," Professor Morris says. "Should they continue to show up as well as they are at present they are expected to force some of the older ones from the commercial field."

New Florida Regulations

New rules and regulations which will be of special interest to Nurserymen and others interested in the movement of plants into or within the State of Florida were passed by the State Plant Board at its recent meeting in Tallahassee. The new rules become effective January 1, 1928.

While no radical or revolutionary changes were made, considerable modification in a number of instances was effected. The wording in some rules was simplified and the meaning clarified. Perhaps the most marked changes were made in connection with the rules of applying to the inspection of Nursery stock.

A decided change from former practice was the decision to make use of an annual certificate tag in place of the old tags which bore no expiration date. Under the new rules such certificate tags will be valid from date of issuance until the following June 30.

Another change which will be of interest to Nurserymen was the decision to require, as a preliminary to movement, defoliation of citrus Nursery stock only. Heretofore the rule on this specified that all Nursery stock, with certain exceptions, must be defoliated.

Those interested in securing the details of the new rules may do so by asking for the October issue of the Monthly Bulletin of the State Plant Board. All dealers in Nursery stock will be expected to become familiar with the revised regulations.

J. W. Adams Nursery Co., Springfield, Mass., report excellent prospect for another season.

Nursery Trade Bulletin

Sixty-One Year Old Society—The 61st annual meeting of the Minnesota Horticultural Society will be held Nov. 15-18 in Rochester, Minn., where the society was organized in 1866.

Heads Entomology Bureau—Dr. C. L. Marlatt has been appointed chief of the Bureau of Entomology of the U. S. Dept. of Agriculture, succeeding Dr. L. O. Howard, retired after 33 years' service. Dr. Howard will continue in research work.

Its First Medal Awarded—The Minnesota Horticultural Society has awarded to former Secretary Latham its first medal "For Faithful and Distinguished Service." Mr. Latham, now a resident of Pasadena, Cal., served as secretary from 1891-1920. At the close of his 29 years of service he was elected secretary emeritus. On July 15, 1927, he was 82 years of age.

First 12 Agricultural States—Pennsylvania ranks as one of the twelve leading agricultural states, according to recent studies based upon 1926 crop and livestock estimates. The states which exceed Pennsylvania in value of crops and livestock products sold are: Iowa, Texas, Illinois, Missouri, Kansas, Wisconsin, Ohio, California, New York, Minnesota and Nebraska.

Satin Moth Quarantine—The area under quarantine on account of the satin moth, and insects injurious to poplar and willows, has been enlarged to include additional territory in Maine, New Hampshire and Massachusetts. The entire state of Rhode Island was already under quarantine on account of the insect and no additions to the infested areas of the states of Connecticut and Washington were deemed necessary.

New Nursery Concerns—Tropical Gardens, capital \$100,000, is a new corporation in Wilmington, Del.

Rose Glen Nursery has been started in Davenport, Ia.

Arizona Nurseries, \$250,000, have been incorporated by J. P. Byrd and A. Campbell, Phoenix.

Orengo Nurseries, Inc., \$5,000, is a new Portland, Ore., concern under the direction of Allan G. Frisbie, Lucille Atkinson and Robert L. Jewell.

Ernest Reicher and others have incorporated the Waukegan Nurseries with capital stock of \$1,000,000.

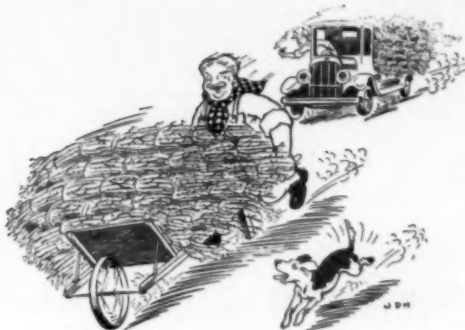
Nurseryman's Tribute to U. S. D. A.—Sam J. Baker, president of the Baker-Potts Nursery Co., Harlingen, Tex., in an address at the convention of the Southwestern Nurserymen's Association in Galveston, speaking of citrus pests against which strict quarantines have been imposed, said: "Some twenty years ago such a quarantine was put on by the Federal government and has been maintained in a more or less efficient way down to this time, affording us great protection. Recently, on account of the great number of tourists on short trips over the boundary, introduction of the Morelos fruit fly eluded the inspectors. Prompt action on the part of the Department of Agriculture has apparently wiped out the infestation. The growers co-operated to the fullest extent with the department officials."

Salesmen Nabbed on Fraud Charge

Chicago Tribune, Oct. 5th said: "Two salesmen who are said to have sold rose bushes to more than seventy residents along the north shore were arrested yesterday charged with confidence game and forgery. They are Leslie L. Wheeler, 900 Montrose Avenue, and James H. Hannah, 30, of 4534 North Lincoln Street. The men are alleged to have taken orders for a superior grade of plants and to have delivered cheaper bushes. They are accused of representing themselves as employees of the C. E. Kirby Rose Bush Co., Tyler, Tex., which intends to prosecute them for cashing checks made payable to the company, it was said."

AMERICAN NURSERYMAN should be regularly on your desk. A business and bustling with exclusive trade news. Absolutely independent. NOT OWNED BY NURSERYMEN.

The Preferred Stock



Get Your Preferred Stock Now!

"There are some nurserymen who have good storage facilities that don't make the most of 'em," said Perk the other day. "The wise 'uns will buy their Preferred Stock this fall, store it and will be all set for spring without running the danger of incomplete assortments when the planting season comes around."

Perk's right! And we've got some great stock ready for shipment. After a good growing summer it has been ripening up in fine style, and we've had the biggest fall season in our history.

Our advance bulletin will be ready about December 1st. Watch for it.

Sincerely yours,

Jack

Jackson & Perkins Company
Wholesale Only
Newark, New York.

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AMERICAN NURSERYMAN

American Nursery Trade Bulletin



CHIEF EXPONENT OF THE
AMERICAN NURSERY TRADE

Featuring the Nursery Trade and Planting News of American and foreign activities as they affect American conditions. Fostering individual and associated effort for the advancement of the Nursery and Planting Industry.

Absolutely Independent.

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ROCHESTER, N. Y., NOVEMBER 1, 1927

FOUNDER OF AMERICAN NURSERY TRADE JOURNALISM

THE FIRST Nursery trade paper in America was established in 1895, as long-time Nursery concerns know, and for nearly thirteen years was conducted under the personal and exclusive direction of Ralph T. Olcott, of Rochester, N. Y., who later founded the AMERICAN NURSERYMAN on broad and untrammelled lines.

"The dean of Nursery Trade Journalism."—John Watson.

IMPORTANCE OF THE TRADE PRESS

In a recent address to men connected with the press, President Coolidge said:

"Whatever has to do with the collection and transmission of information to the public is of the highest importance. It is gratifying to know that this great service to America is in the hands of men of ability and patriotism.

"There is a universal desire to serve the public in this capacity, not only interestingly, but candidly and helpfully. The fundamental institutions of our government scarcely ever fail to receive cordial support. The moral standards of society are strengthened and the intellectual vigor of the nation is increased and quickened by your constant efforts.

"The press is also an important factor in the commercial and industrial development of our country. It carries an amount of scientific information which stimulates both the production and consumption of all kinds of commodities.

"This service is always on the constructive side of affairs, encouraging men to think better, to do better and to live better. Reaching through it all, there is every assurance that today is better than yesterday, that tomorrow will be a better day than today, and that faith is justified."

The "American Nurseryman" is highly endorsed individually and collectively by the American Association of Nurserymen and by more than a score of district and state trade associations in the United States and Canada.

The Mirror of the Trade

IT IS NO JOKE

American agriculture faces more trouble from insect pests in 1928 than ever before in history, says the Bureau of Entomology of the Department of Agriculture.

In spite of the hundreds of millions of dollars spent annually in fighting them, insect hordes are on the increase with no permanent relief in sight.

Each year, insects do two billion dollars' worth of damage to crops in this country, the bureau estimates, and next year will see them reaping an even higher toll.

America's four major destructive insects, the Japanese beetle, cotton boll weevil, gypsy moth and European corn borer, appear to have defeated all efforts of scientists to check them.

The totally destructive beetle is spreading westward from the Atlantic coast, the boll weevil is expected to show renewed activity for the next three years, the gypsy moth is multiplying beyond all expectations and bureau experts despair of ever wiping out the corn borer.

Three years' absence of the boll weevil gave cotton planters a false feeling of security, precautionary measures were dropped and consequently the damage done by this insect in 1927 was the greatest since 1923, the bureau stated. Next year, cotton growers face a serious condition.

Flood waters of the Mississippi which drowned out a great portion of the valley cotton crops this spring, failed to kill the weevil. For the next three years, the bureau predicts, the cotton crop will face unusually severe boll weevil injury.

Earnest endeavor by the U. S. Dept. of Agriculture to prevent further introduction of injurious insects and diseases from other countries has been criticised and vigorously opposed not only by misguided editors seeking to protect foreign tradesmen at the expense of American tradesmen, but also by more or less prominent horticulturists who ought to have American interests at heart—interests of nation-wide extent rather than those affecting immediate gain for themselves or other individuals.

Strange that for a few importations one would argue directly against the welfare of American horticulture and American agriculture generally!

Ten years ago a tiny black bug crept out of the ground surrounding an imported bulb from Japan. The climatic conditions of New Jersey seemed to agree with it. It dug itself in for the winter and the next spring its grandchildren and great-grandchildren were invading New York State and the East. The Japanese beetle was firmly establishing itself in the country. Last year millions of dollars' damage was done to trees, fruit and vegetation in the East by this insect alone.

America has more than five thousand varieties of insects and more than half of the destructive ones were imported from Europe and Asia.

According to Dr. L. O. Howard, chief of the Bureau of Entomology, it is impossible to estimate the money spent year after year in combating insects, but it is safe to say it runs into the hundreds of millions.

"Insects are the most dangerous and powerful enemies of man," Dr. Howard declared. Each year the labor of one million men is lost through the ravage of insects, he estimated.

For Acid Soil Plants

An interesting bulletin has just been issued from the Government Printing Office in Washington, entitled "The Effect of Aluminum Sulphate on Rhododendrons and Other Acid-Soil Plants", being a reproduction from the Smithsonian report for 1926, by Dr. Frederick V. Coville. The statement of the case and the conclusion drawn are as follows:

Our native rhododendrons do not thrive in ordinary fertile garden or greenhouse soil, but they grow with great luxuriance in sand mixed with peat, or with rotting wood, or with half-rotted oak leaves. It is clear from many experiments heretofore made by the writer that, although both these types of soil contain an abundance of plant food, the rhododendrons thrive in the peat and sand mixture because the chemical reaction of the soil solution is acid, and they die in the ordinary fertile garden soil because the reaction is neutral or alkaline. Except in acid soils, most rhododendron plantings are failures. In nonacid soils the plants often subsist for a year or two on their old root-ball of peat, but when that is used up they sicken and die if the surrounding soil is neutral or alkaline.

The statement had been going around among Nurserymen that rhododendrons could be made to thrive in an ordinary fertile soil through the application of magnesium sulphate, commonly known as Epsom salts, and at the suggestion of Harlan P. Kelsey it was determined to try the experiment. Knowing that one of my colleagues, C. S. Scofield, had been using various sulphates in a remarkable series of experiments on the alkaline irrigated soils of the western United States, I asked his opinion regarding the probable action of magnesium sulphate in a rhododendron experiment. He replied that if magnesium sulphate would tend to bring about an acid reaction in an alkaline soil, aluminum sulphate should do it a great deal better. Aluminum sulphate therefore, happily, was included in the experiment.

CONCLUSION

If, contrary to the advice in the preceding paragraphs, a planting of acid-soil plants has been made in a nonacid bed, the plants can probably be saved by proper applications of aluminum sulphate. If an acid-soil bed has become neutral as a result of the use of hard water, or by reason of the excessive decomposition of the peat or the leaves originally placed in the bed, or from any other cause, treatment with aluminum sulphate will probably prove beneficial. If the cost of preparation of an acid-soil bed is prohibitive, in a locality in which the necessary materials are not easily available, then the acid-soil plants may be tried in an ordinary fertile neutral soil after it has been acidified by means of aluminum sulphate.

A Valuable Tip

"I suggest that you 'grow' with your establishment. The man that increases his buildings and his holdings but makes no progress mentally or spiritually himself is in a sad way and will soon fall behind in his march of progress. Don't let it be said of you that while you grow plants you never grow yourself. Use imagination; experiment; try to give the public something new and different, and you will be rewarded with a custom and popularity that will leave a nice balance at the bank at the end of the season and a standing in the community that you can be proud of."—M. A. Reasoner, Oneco, Fla., Southern Nurserymen's Association Convention, Jacksonville Beach.

The fourth International Congress of Entomology will meet at Cornell University, Ithaca, N. Y., August 19-25, 1928. An invitation has been extended through the office of the secretary of state, Frank B. Kellogg, in Washington, to all countries with which the United States has relations.

LITERATURE

Shrubs—By F. F. Rockwell, author of "Around the Year in the Garden", "Gardening Under Glass," etc. 8vo, pp. 76, illustrated; postpaid \$1.15. American Fruits Pubg. Co., Rochester, N. Y.

Another of the Macmillan Company's series of Home Garden Hand Books which includes "Gladolus" (reviewed in last month's issue at page 161), and, in preparation, "Evergreens", "Irises", "Rock Gardens", "Peonies".

These books are designed to give the home-owner information on but one phase of garden-making, each covering its subject thoroughly yet concisely. They form a nucleus of a garden library which may be built up gradually and systematically. The books answer all questions as to varieties, planting and after care and thus create and maintain lively interest in gardening. They are especially suited for resale by Nurserymen and growers to be supplied by them to customers and to answer the many questions asked.

Nurserymen would do well to list in their catalogues this series of helpful information for planters and thus stimulate a constantly growing demand for Nursery stock.

Indeed, the first page after the listing of the contents bears an announcement to the reader: "This book is designed to be used with your seed, bulb and Nursery catalogues. There you will find illustrated, often in color, not only the varieties and types of shrubs mentioned here, but the best of fine new ones introduced from season to season. Read the opening chapters, with their suggestions on how to use shrubs, before you make out your order; and the succeeding chapters on how to plant and care for your plantings, before you actually set to work. Get the habit of consulting your Home Garden Handbooks while you are doing the work."

And Nurserymen will be interested, too, in the fact that the introduction to the book, on pages 1-3, is by Lester C. Lovett, former president of the Eastern Nurserymen's Association. Here is fine publicity work by a prominent Nurseryman which appeals to the planter not only by reason of the authoritative utterance of an expert on shrubs, but also because of the fascination in gardening which his apt presentment must inevitably arouse or stimulate. He says:

Whether the home grounds be small or large, shrubs add privacy and "hominess" to the place. More effectively than any other sort of material for planting, they may be used to shut out the too intimate gaze of the passing public, or to cut off from view any undesirable object.

Moreover, if properly disposed about the grounds, shrubs increase the apparent size of a small place to an extent almost unbelievable by the inexperienced planter. A small plot, skillfully framed with shrubs, may appear nearly double the dimensions of one the same size which contains no shrubs.

All of these more or less utilitarian advantages of shrubs are quite aside from the great beauty of the various species and varieties. Beginning with the earliest flowering sorts, such as the golden bell and redbud, which are so eager to welcome back returning spring, that they cover their branches with color even before the leaves have time to unfold, beauty follows in almost unbroken succession, if the sorts are intelligently selected, through spring, summer and autumn, until the elfin bells of the witch-hazel ring in the first flurries of snow.

"Blossom by blossom the spring begins," with the conflagration of the flame-colored

azalea; the dogwoods, a cloud of white butterflies in a mist of green; golden ropes of Hugonis roses snaring the April sunshine. And after these the white and gold mock-oranges and lilacs, inviting you to bury your face in them, and drink deep of their inimitable fresh fragrance. Why continue further the tempting list? Enough to know that there are shrubs of so many colors, sizes, and forms that you can find one or more to fit almost any place, condition, or season, if you will search it out.

And for all this treasure, what price?

Nothing that the humblest purse may not encompass. Most of the "common" shrubs—and the name means nothing except that they are universally available—may be had at from fifty or sixty cents to a dollar; others, more difficult to grow, at a dollar to one-fifty. And that is the final cost. Once planted, they last for years; frequently for a generation; often for a life-time. No spraying is required, as a rule, and very little cultivation or fertilizing. No class of



F. F. ROCKWELL

flowering plants gives so much for so little care as the flowering shrubs.

For the home-maker I would emphasize one more point. Your Nurseryman stands ready not only to sell you shrubs, but to assist you in every possible way to get the most satisfying results from them. Do not hesitate to seek his advice and assistance. The American Association of Nurserymen and the various state and sectional associations affiliated with it seek constantly to render you better service, and to be worthy of the title they have been given—"Builders of Beauty."

Mr. Lovett touches upon a subject to which the American Nurseryman has often directed the attention of those in the trade—the service which is implied in the existence of the American Association of Nurserymen, in behalf of planters generally. Strange, indeed, is it that this great asset in the line of effective publicity for increasing confidence in the use of Nursery stock, and a still greater demand, has not been exploited. Over and over this publication has urged the advisability of spreading widely throughout the country:

1—The fact that there is a national association of Nurserymen.

2—That its members are bound by a Code of Ethics to provide trustworthy trees and plants, (quoting the Code of Ethics in full).

3—That it will not countenance dishonest practices, a vigilance committee taking under consideration all complaints that are brought to its attention and reporting its findings to the association for action.

4—That only honorable Nurserymen can maintain membership in the organization.

5—That the members and those of the affiliated state and sectional associations seek constantly to render better service to

the planter and to be worthy of the title, Builders of Beauty and Providers of Bounty.

Unique in several respects are the Breeze Hill Gardens in Harrisburg, Pa., the surroundings of the residence of President J. Horace McFarland of the well-knowing horticultural printing company of that city, editor of the American Rose Annual, vice-president of the American Rose Society, etc. Breeze Hill Gardens are not by any means extensive as compared with great estates, nor are they architecturally elaborate; but they are unusually comprehensive in the breadth and scope of the collections grown. An endeavor is made to obtain and try out new plants that seem worth while wherever they may appear. Complete and careful photographic and color records are made daily throughout the growing season, and plantings are arranged with this in view.

The gardens are open to sincere visitors all the time save Sunday afternoon, and visitors do come in considerable numbers from long distances.

The purpose back of the Breeze Hill gardens, in addition to providing an agreeable place in which Mr. McFarland may enjoy the plant growth he loves, is to give horticultural tradesmen an opportunity intelligently to select the things that will make for better gardens in America and for more planting.

This being the case, the gardens are of special interest to Nurserymen.

The 2.4 acres of property forms nearly a quarter segment of a circle. In it are plants in 254 genera, of 1149 species and sub-varieties, independent of the roses which are represented by 59 species and 581 named varieties. There are 50 species and varieties of lilacs. A new Van Fleet rose, for introduction in 1927-28, has been named Breeze Hill, in compliment to these gardens. Remarkable new roses from Australia and Spain are under trial, and the best roses of England, Ireland, Scotland and the Continent are obtained in advance of their general commercial distribution.

For the convenience of visitors Mr. McFarland has provided a finding list in pamphlet form, of 64 pages, 5¼x7½, the last 25 pages of which are devoted to rose species. A cross-indexed diagram, lettered and numbered as is the modern map, corresponds to the list of species and varieties which is arranged alphabetically through the pamphlet. Nurserymen will do well to visit these gardens whenever opportunity is afforded.

Wholesale catalogues have been issued this fall by the following: Donaldson Nurseries, Sparta, Ky.; Huntsville, Ala., Wholesale Nurseries; Weller Nurseries Co., Holland, Mich.; Leesley Brothers Nurseries, Chicago and Libertyville, Ill.; Alcova Nurseries, Covington, Ga.; Painesville, Ohio, Nurseries, Storrs & Harrison Co.; J. H. Faassen-Hekkens Nurseries, Tegelen, Holland.

Among the more elaborate of the retail catalogues this season are those of Washington Nursery Co., Toppenish, Wash., whose "Washington Nursery Book" of 40 pages, 8½x11½, is beautifully printed in black and white on fine paper, profusely illustrated, indexed; C. M. Hobbs & Sons, Bridgeport, Ind., artistically produced in every way with many illustrations and highly attractive cover; Titus Nursery Co., Waynesboro, Va., 36 pp. both in black and white and in color, another of the kind that will be preserved in the household and often referred to. Storrs & Harrison Co., Painesville, O., in color also, with peonies and tulips on cover and striking fruit and ornamental plates within; Naperville, Ill., Nurseries, presenting on the front cover an aerial view of the Nurseries and within remarkably fine full page views of the thuya, privet, juniper, spirea, maples and perennials in Nursery rows, Young's Aurora, Ill., Nurseries; Conyers B. Fleu's seed establishment, Germantown, Pa.

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ULMUS PUMILA

Five and one-half years after planting a 6 foot whip. The hardy, rapid growing, alkali resistant, dry land elm, highly recommended by U. S. Department of Agriculture for street or farm planting.

WASHINGTON NURSERY CO.
TOPPENISH, WASH.

Sub-Tropical Plants for Southern Nurserymen

Suggestions by N. A. Reasoner, Oneco, Fla. Nurserymen in Session

Now in the class of "landscape material", we will recognize first of all that necessarily our tropical materials can be used with you only during the summer months when there is no danger of frost or freezing. Our materials cannot, therefore, be considered in the main background of your planting, but merely as suggested previously, to "dress it up", and to give a charm and finish that your year-round material often lacks. For example, if you have a long expanse of green shrubbery in a border planting in a park or private estate, drop in occasionally a few groups of three to five plants each of *Acalypha mosaica* or some of the other highly colored species. Get good strong plants in 3 or 4-inch pots, pinch out the tops if they are "leggy", make the soil good, and rich, and see that they do not lack for water, and in a few weeks you will be rewarded with a show of colored foliage that will so add variety to your planting so as to bring out your green foliage and flowering plants to much better advantage than if they lacked this contrast. Or, besides the *acalyphas*, put in a few groups of the wonderful scarlet hibiscus or some of the other varieties that can be had now in such a wide range of colors, or *Allamanda hendersonii*, if you wish a show of yellow, or *Tecoma capensis* for a flaming orange red. If you get good strong plants in 4-inch pots they will likely be in bloom when you get them, and will keep it up continuously until cut down by frost. Even then if you have banked them heavily with earth they may come up again in the spring. But if they don't, you are not out much, as the material is cheap in comparison with the effect secured, and you may want to change the effect by putting in something different the next year anyway.

You are all doubtless familiar with effects that can be secured through the use of the orange and red lantanas and the light blue

plumbago, which are sold so commonly for bedding plants,—but do you know the dark blue "bells" of *Thunbergia erecta*, the lavender silver form flowers of *Strobilanthes isophyllus*, the wonder dark blue spikes of the *Daedalacanthus nervosus*, the scarlet and yellow of the "cigarette plant" *Cuphea micropetala*, the orange flame of the "lion's tail" *Leonotis leonurus*, the odd orange red flowers (really bracts) of the quite new *Holmskilodia sanguinea*, the coral pink of the "fountain plant" *Russelia Juncea* that blends so wonderfully well with the light blue plumbago, the scarlet of the "Turk's cap" *Malvaviscus arboreus* or "sleeping hibiscus" as it is also called? If you don't know these subjects get acquainted with them. They can all be relied on to come into bloom quickly when set out in the spring from good sized pots and will give a show of color all summer long.

Have you ever considered how much character and interest can be added to a park planting or in a large estate through the use of heavily perfumed plants like the "night-blooming jessamine" *Cestrum nocturnum*, the "Angel's trumpet" *Datura arborea*, or the paw-paw tree *Carica papaya*? All of these also if started in the early spring from good sized pot plants can be relied on to come into bloom before summer is over.

If you have a shady nook where you have used azaleas or similar plants and would like color all summer after they have finished blooming, how about bedding in a quantity of fancy-leaved caladium bulbs that are available in such highly colored leaf forms in the newer varieties? They probably won't hold over until next season unless you have a very mild winter, but what of it? They are cheap, compared with the effect they give. In other bulbs, are you familiar with the crinums? They are hardy all through the South when planted deeply

CHINESE ELM (*Ulmus Pumila*)

We are headquarters for this remarkable tree—that has created a brisk demand.

100,000 Seedlings

in the following sizes

9/12"-12/18"-18/24"-2/3'-3/4'

**The
Northwest Nursery Co.**
Valley City, N. Dak.

and hilled up during the winter, and they certainly give a wealth of bloom not equaled by any other bulb—some varieties on large bulbs giving two and three spikes with as many as 14 to 16 flowers to the spike! The color range has been considerably widened through the introduction some time ago of the beautiful light pink hybrid variety, J. C. Harvey, and more recently by Mr. Bosanquet's new hybrid named for his wife, Ellen Bosanquet, that is such a dark, striking pink that it might almost be called red.

There are three things that our Mr. Hinson was particularly struck with in his recent vacation in South Georgia that might be of interest to some of the rest of you that live in warmer portions of the Gulf and Atlantic states. There were the "golden dewdrop" *Duranta plumieri*, which seems to survive the cold wonderfully well when protected by trees or other foliage, and even if frozen will come up quickly and be back in fruit again the same year; the poinsettia *Euphorbia pulcherrima* which can be used to such good advantage behind smaller shrubbery, and which once established comes up year after year; and the *Sesbania punicea* or "daubentonla" as it used to be called, which, by the way, is not the "dwarf poinciana" although called that by a number of Southern Georgia Nurserymen, and does have a wonderful mass of brilliant orange red flowers. If you don't know these subjects, get acquainted with them also.

Forestry Nurseries Unloading—Fifty-four million little trees are now available in the three New York State Nurseries for planting this fall and next spring, the conservation department announces. This total is about equally divided between transplants and seedlings, and includes White pine, Scotch pine, Red pine, Norway spruce, White cedar, Black locust, Carolina poplar cuttings, balsam and European larch. Shipment of these for fall plantings are moving from the Nurseries at Saratoga Springs, Lowville and Lake Clear.

Applications already on hand and projects listed are sufficient to carry the total output from the Nurseries for this year beyond the 25,000,000 mark. The state Nursery at Saratoga is the largest forest tree Nursery in America with a planting of 45,000,000 trees. The Luther plantation is a tract of 7,000 acres upon which 4,000,000 trees have been set during the last 15 years. Plantings are being made there at the rate of 1,000,000 trees a year.

Foreign Countries Send Students—They come from all parts of the world to study subtropical horticulture in California, says the Pacific Rural Press. Eleven foreign countries were represented at this summer's School of Subtropical Horticulture, just concluded at Riverside by the College of Agriculture. China, Philippines, India, Syria, Palestine, Egypt, Italy, Spain, England, South Africa and Australia sent students, a veritable "league of nations."

A. R. Pontius, Harbor Springs, Mich., and Ashcraft Nursery, Copemish, Mich., find business so good that they are planning increase in their equipment.

Andrews LATHAM Raspberry

MOSAIC-FREE STOCK-RELIABLE

Americana Plum Stocks - Prunus Triloba - Ginnala Maple - New Minnesota Plums
ANDREWS NURSERY COMPANY, FARIBAULT, MINNESOTA

TRADE ASSOCIATIONS

American Association of Nurserymen—Charles Sisemore, secy., Louisiana, Mo.; 1928 Convention, Denver, Colo., June 20-22.
Alabama Nurserymen's Association—Dr. F. T. Nye, Secy., Irvington.
Arkansas Nurserymen's Ass'n.—J. E. Britt, Secy., Bentonville.
California Assn. of Nurserymen—John A. Armstrong, Jr., Secy., Ontario, Cal.
Connecticut Nurserymen's Association—A. E. St. John, Sec'y., Manchester, Jan. 1928, Hotel Bond, Hartford.
Eastern Canada Nurserymen's Association—Chas. K. Baillie, Secy., Box 158, Welland, Ontario.
Eastern Nurserymen's Association—Fred Worsinger, Sec'y., Tacony, Pa.
Fruit and Flower Club of Western New York—Fred M. O'Brien, Sec'y., Geneva.
Illinois Nurserymen's Association—N. E. Averill, secy., Dundee, Ill., Jan. 19-20, 1928, Hotel Sherman, Chicago.
Iowa Nurserymen's Association—R. S. Herrick, secy., State House, Des Moines, Ia.
Kansas Nurserymen's Association—James N. Farley, Sec'y., Topeka.
Kentucky Nurserymen's Association—Alvin Kidwell, Secy., St. Matthews.
Massachusetts Nurserymen's Association—Winthrop H. Thurlow, secy., West Newbury.
Michigan Association of Nurserymen—C. A. Krill, secy., Kalamazoo.
Minnesota Nurserymen's Association—W. T. Cowperthwaite, Secy., 20 W. Fifth St., St. Paul.
Missouri Nurserymen's Association—George H. Johnston, secy., Kansas City Nurs., Kansas City, Mo.
Nebraska Nurserymen's Association—Ernst Herminghaus, Secy., Lincoln, 1st week Jan. 1928, Lincoln.
New England Nurserymen's Association—W. N. Craig, Sec'y., Weymouth, Mass.
New Jersey Association of Nurserymen—John Marselle, secy., Wyckoff, N. J.
New York Nurserymen's Association—Charles J. Maloy, secy., Rochester, N. Y.
Northern Retail Nurserymen's Association—C. H. Andrews, secy., Faribault, Minn., Dec. 13-15, Minneapolis.
Ohio Nurserymen's Association—Howard N. Scarff, sec'y., New Carlisle, O.
Oklahoma Nurserymen's Association—W. E. Rey, sec'y., Oklahoma City.
Pacific Coast Association of Nurserymen—C. A. Tonneson, secy., Burton, Wash. 1928 convention, Seattle, Wash.
Pennsylvania Association of Nurserymen—Floyd S. Platt, secy., Morrisville, Pa.
Rocky Mountain Nurserymen's Assn.—S. W. Marshall, Sec'y., 3045 W. 36th Ave., Denver, Colo.
Rhode Island Nurserymen's Association—H. H. DeWilt, secy., 521 Elmwood Ave., Providence, R. I.
Rio Grande Valley Nurserymen's Assn.—H. L. Bonnycastle, secy., Mercedes, Tex.
South Dakota State Nurserymen's Association—J. B. Taylor, sec'y., Ipswich.
Southeastern Nurserymen's Ass'n.—Otto Buseck, Sec'y., Asheville, N. C., Nov. 10-12, 1927, Hotel Kenilworth, Asheville, N. C.
Southern Alabama Nurserymen's Ass'n.—W. H. Pollock, Sec'y., Irvington.
Southern Nurserymen's Association—W. C. Daniels, Sec'y., Pomona, N. C., Sept. 14-15, 1927, Jacksonville, Fla.
South Texas Nurserymen's Assn.—W. R. McDaniel, Sec'y., Alvin, Tex.
Southwestern Nurserymen's Association—Thomas B. Foster, Secy., Denton, Tex., 1927 Convention, Sept. 21-22, Galveston, Texas.
Tennessee Nurserymen's Association—Prof. G. M. Bentley, secy., Knoxville, Tenn.
Western Association of Nurserymen—George W. Holsinger, secy., Rosedale, Kan.
Western Canada Nurserymen's Association—T. A. Torgeson, secy., Estevan, Sask., Canada.

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High quality, field
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My service and stock will please you.

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FOREST NURSERY CO.

McMinnville, Tennessee

Established 1887

Large assortment general Line

Nursery Stock

FOREST TREES, SHADE TREES

SHRUBS, VINES, EVERGREENS

OUR USUAL LINE. Write for Trade List

WE would like to serve YOU

Broadleaf and Coniferous EVERGREENS

English Laurel, Japanese Ligustrum, Gardenias, Aucuba Japonica, Biota, Retinosporus, Thuja.

Price list on request.

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Monticello Nursery Co. MONTICELLO, FLORIDA

Established in 1903

Owners of the \$5,000 Mahan Pecan Tree purchased at Kosciusko, Miss. Twice winners of the World-wide contest for the best quality pecan in the World. Only takes 33 nuts to the pound.

Over 300 acres in Nursery stock.

Wholesale growers of pecan trees, over 400,000 pecan trees of all standard varieties for market this fall. Also about 500,000 Owarl Satsuma orange trees.

Get in touch with us for fall prices.

F. A. MAHAN President and Manager



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Use Perfection Markers

Galvanized iron, black

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front, card about 2x4

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Lasts ten times longer

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satisfactory.

Manufactured by

THE S-W SUPPLY CO.

Girard, Kansas.

PECAN TREES

CAR LOTS our specialty, but we accept orders from nurserymen for any number of trees. Also have Satsuma Orange trees.

Simpson Nursery Co.

Monticello, Fla. Established 1902

American Bulb Company

Importers and Growers of

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Hardy Lilies, Manetti, Lily of Valley,

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FOR TRADE
ADVERTISEMENTS

AMERICAN NURSERYMAN—Semi-Monthly

1st of Month Issue.

15th of Month Issue

First Forms: - 23rd each month

First Forms: - 8th each month

Last Forms: - 25th each month

Last Forms: - 10th each month

If proofs are wanted, copy should be in hand previous to above dates.

American Fruits Pub'g Co., P. O. Box 124, Rochester, N. Y.

THIS PAGE PRESENTS American Nurseryman Directory of American Plant Propagators

**Listing Nursery Concerns Which Specialize in Production of Young Stock
Including That Which Has Heretofore Been Imported**

The American Plant Propagators' Association, Organized in 1919, Will Hold its Tenth Annual Meeting in Denver, Colo., June, 1928. E. M. Jenkins, Winona, Ohio, Secretary.

TWO-INCH BLOCKS ONLY ARE SOLD IN THIS DIRECTORY. EACH BLOCK \$5.00 PER MONTH UNDER YEARLY CONTRACT, INCLUDING PUBLICATION TWICE A MONTH, ON THE 1ST AND 15TH

HILL'S EVERGREENS FOR LINING OUT

Complete assortment of Evergreens including Firs, Junipers, Spruces, Pines, Yews, Arbor Vitae, Cedrus, Taxus, Biotas. Your patronage is appreciated.

Write for Wholesale Trade List

D. Hill Nursery Company

Evergreen Specialists
Largest Growers in America
Box 403 Dundee, Ill.

NAPERVILLE NURSERIES

Headquarters for

LINING OUT STOCK

Large Assortment

WELL GROWN—NONE BETTER

See Our Lists Before Buying

NAPERVILLE DuPage County ILLINOIS

NEW PRICE LIST

of
HEMLOCK
ARBOR VITAE
NORWAY SPRUCE
SCOTCH PINE
BALSAM
CANOE BIRCH
SUGAR MAPLE

and other Evergreens, Shade Trees, Shrubs, Ferns, and Perennials.

GEORGE D. AIKEN
PUTNEY, VERMONT

WE HAVE THEM You May Want Some

Norway, Sycamore and Silver Maples; Pin, Red, Mossy Cup, Catesbaei and Willow Oaks.

Butterfly Bush, Dogwoods, Deutzias, Forsythia, Spireas, etc.

Our Trade List is ready.

Get next to one.

Atlantic Nursery Co.

BERLIN MARYLAND

Grape Vines

2-year Strong Vines

CONCORDS and MOORES EARLY
for delivery Fall 1927 & Spring 1928.

Correspondence solicited.

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CHAS. M. PETERS, Proprietor

Franklin Forestry Co.

NURSERIES AT

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FOREST NURSERY STOCK

CONTRACT FOREST PLANTING

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EVERGREENS

MILLIONS OF THEM

Seedlings—Transplants—Cuttings
Grown under glass

Also Apple Trees, Shade Trees, Hedgeplants, Shrubs, Vines, Peony.

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The largest growers of Evergreens
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Charles City, Iowa

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GROWERS OF

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FOR

Lining Out

GOOD ASSORTMENT OF
STANDARD SORTS

Price List on Request Established 1871

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EVERGREENS

SEEDLINGS and TRANSPLANTS

FOR LINING OUT

WRITE FOR OUR PRICE LIST

THE NORTH-EASTERN FORESTRY CO.

"WE GROW OUR OWN TREES."

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Deciduous & Evergreen

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Seedlings & Transplants

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RARE AND CHOICE CONIFERAE

AZALEAS (Evergreen and Deciduous.)

FLOWERING SHRUBS,

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We produce the greatest variety of Herbaceous Plants and Field Grown ROSES in America. Ask for our wholesale price lists.

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RUTHERFORD, NEW JERSEY

Connecticut Valley

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SEEDLINGS

POTTED EVERGREEN
CUTTINGS

TAXUS—Our Specialty

Send for our complete list.

C. E. WILSON & CO.

Manchester, Conn.

NURSERY STOCK

For Lining Out

Our Lining Out Stock this year is more complete than ever before.

Drive in and see our stock. Would take pleasure in showing you over our grounds.

Onarga Nursery Co.

Cultra Bros., Mgrs., Onarga, Illinois

American Fruit Tree Seedlings that never miss. Only seedlings with sustained quality. Many large Nurserymen that have tried them, are adopting them.

We offer for next winter's delivery:

Branched Root Apple Seedlings.
Mazzard, Mahaleb, P. Calleryann.
Pr. Myrobalan, Catalpa Speciosa,
Ulmus Parvifolia, R. Multiflora Jap.

Large Stock Flowering Trees and Shrubs

ROBERTSON-VISTICA NURSERY

118 North Ophir St. Stockton, Calif.

LINING OUT STOCK

Juniper
Hemlock
Taxus
Arbor Vitae
Red Elder

Azaleas
Birches
Viburnums
Cornus
Rhus

L. E. WILLIAMS NURSERY CO.

Exeter, N. H.

"Hardy New England Grown"

American Nurseryman Directory of American Plant Propagators

Listing Nursery Concerns Which Specialize in Production of Young Stock,
Including That Which Has Heretofore Been Imported

EVERGREENS & DECIDUOUS TREES SHRUBS & VINES

WHOLESALE GROWERS for THE TRADE
of Choicest
Hardy New England Grown
Nursery Stock

Write for Price List Send your Want List



★ ROSES

Shrubs Cannas
Lining-out Evergreens

Send for Trade-List

The CONARD-PYLE Co.
ROBERT PYLE, Pres. West Grove, Pa.

"More than 35 years' experience"

Established 1883

LINING OUT STOCK Tropical Ornamentals

And small pot stock for growing on

PALMS A SPECIALTY

Shade Trees, Shrubs, Vines, Ornamental
Grasses, Bulbs, Etc.

Give us your want list and let us quote.

REASONER BROTHERS'

Royal Palm Nurseries

Drawer "N" ONECO, FLORIDA

LET US QUOTE YOU ON

Multiflora Jap. seedlings
Berberis Thunbergii seedlings
Ampelopsis veitchii seedlings and trans-
plants
Hydrangea p. g. 2 yrs. trans., very bushy
Wisteria sin., 1 and 2 yrs. for grafting.
Syringa vulgaris seedlings.

ALL OUR OWN GROWING

We can save you real money whether
you need large or small quantities.

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BEDFORD HILLS, N. Y.

THIS SPACE \$5.00 Per Month

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Including publication 1st and 15th.

TWICE A MONTH AT SINGLE RATE

Chief Exponent
of the Nursery Trade

LINING OUT STOCK

FOREST TREE SEEDLINGS
AND ORNAMENTAL SHRUBS

Black Walnut, Russian Mulberry,
Texas Umbrella, American Persimmon,
Amoor River South Privet,
Silver Maple, Black Locust
Privets Philadelphia Altheas

Good Assortment of
Lining Out Stock and Finished Plants
Get Our Catalogue

27 years in the Nursery business

PARK NURSERY COMPANY
PLEVNA, ALABAMA

CALIFORNIA ASSOCIATION OF NURSERYMEN

Mrs. H. W. King, Los Angeles, Secy.

California Nurserymen met in 17th
annual convention in Sainte Claire Hotel,
San Jose, Oct. 13th. Nearly 100 were
present. The state association convention
was opened by President J. D. Meriwether
who introduced City Manager C. B. Goodwin
and the address of welcome, to which George
Budgen, Berkeley, responded.

In his annual address President Meri-
wether touched upon the important work
of pest control which afterward occupied
the main portion of the day's session. J. D.
Chenoweth, manager of Beverly Hills Nur-
series, reported that at a cost of \$300 per
acre the 55-acre property of his concern was
freed from scale insects and mealy bug.
The subject of the address by G. Edwin
Murphy, Gendale, "Cost of Operating a Re-
tail Nursery," elicited special interest. The
remainder of the program was according to
the outline in the last issue of the journal.

Officers were elected as follows: Presi-
dent, W. B. Clarke, San Jose; vice-presi-
dents, T. D. Chenoweth, Beverly Hills; John
A. Armstrong, Ontario; M. R. Jackson,
Fresno; H. A. Hyde, Watsonville; George
C. Roeding, Niles. Secretary-Treasurer,
Mrs. H. W. King, Los Angeles. Directors
are: Albert Morris, R. D. Hartman, A. W.
Jannock, Messrs. Meriwether and Roeding.

The W. B. Clarke Nurseries, Leonard
Coates Nurseries and California Nursery
Co.'s plant were visited.

Dr. J. Horace McFarland, Harrisburg, Pa.,
has been appointed by Governor Fisher as
chairman of the Pennsylvania State Art
Commission, constituted under the Act of
May 1, 1919. To this Commission are re-
ferred plans for all structures, monuments
or other erections wholly or in part on the
public land or paid for by public money.
This includes bridges, school buildings, mon-
uments, memorials and the like.

As to Domestic Root-Stocks

Stockton, Cal., Oct. 17—As to conditions
in California in the fruit tree line, peach
and prune fruit is not bringing any money,
and therefore there will be very few trees
planted this year.

While they are figuring to plant a lot of
apricots, on which California holds a mon-
opoly, there will be a decided shortage of
trees in California, except in June bud size.

The pear growers did well and there will
be a lot of pear plantings. The demand will
just about equal the supply of trees.

They are planting a limited amount of
sweet cherries in Northern California, which
will make sweet cherry trees at a premium
this year. Only a few plums of late varie-
ties will be planted, and in late districts.
There is a decided shortage of citrus trees,
and lately interest is being shown in nec-
tarines, the supply and demand being about
equal. Quite an interest is shown in the
chestnut in California, which is a decided
success, there being no blight or weevil.

It has been a great excuse on the part
of the American Nurserymen to the Federal
Horticultural Board that no supply exists
of fruit and rose stocks at home, that they
have to import them.

So at the next hearing before the Federal
Horticultural Board these facts will be
brought out, that the American Nurserymen
did not co-operate heartily with the men
who possess knowledge and a little capital
to grow fruit and rose stocks.

It is of interest to note that those who
have used our seedlings report them to be
100% satisfactory. We have many letters
from persons who have used them; some of
these letters are from the highest authori-
ties in the country; so the question of in-
ferior quality will not be any argument be-
fore the Federal Horticultural Board.

ROBERTSON-VISTICA NURSERY CO.
Louis Vistica.

When writing to advertisers just mention
American Nurseryman.

AMERICAN ASSOCIATION OF NURSERYMEN

Chas. Sizemore, Louisiana, Mo., Secy.

Following are new members taken into
the Association since September 26th:
Walter O. Bahr, 910 So. 12th St., Manitowoc,
Wis.; W. R. Gray, Oakton, Va.; Keith Bros.
Nursery, Sawyer, Mich.

A. A. N. Meeting Date—President W. W.
Hillmeyer announces that only a dozen
replies have been received by him on his
inquiry as to advisability of changing the
date of the A. A. N. annual conventions.

Railway Rates to Denver—Missouri Pa-
cific R. R. Co., announces railway rates as
follows for the occasion of the annual con-
vention next June of the American Associa-
tion of Nurserymen

	One Way	Summer Tourist 1927 Round Trip
Indianapolis, Ind.	\$41.67	\$ 50.20
Detroit, Mich.	47.09	56.70
Cleveland, Ohio.	49.56	60.65
Buffalo, N. Y.	56.09	71.10
New York City, N. Y.	69.88	93.32
Philadelphia, Pa.	66.74	88.14
Pittsburgh, Pa.	54.16	68.01
Baltimore, Md.	65.06	85.45
Washington, D. C.	65.06	85.45
Boston, Mass.	73.44	102.66
Cincinnati, Ohio.	45.20	55.85
Louisville, Kentucky.	42.94	52.25
Atlanta, Georgia.	55.25	71.85
Birmingham, Alabama.	49.25	62.00
St. Louis, Mo.	32.80	37.80
Memphis, Tenn.	40.13	50.05
New Orleans, La.	48.35	65.85

John F. Ford, Nurseryman, Pittsford, N.
Y., died Oct. 15th, aged 79. He was born in
England, was 21 years with W. & T. Smith
Co., Geneva, N. Y., and later with Maxwell
Bros. Co., Geneva.

PIN OAK SEEDLINGS

I will have Pin Oak Seedlings in grades 12 to
18 and 18 to 24 inches.
Send me your orders early.

ARTHUR L. NORTON
NURSERYMAN. CLARKSVILLE, MO.

ACTIVITIES IN STATE NURSERIES OF TRADE INTEREST

Most Extensive in the Country

Conservation Commissioner Alexander Macdonald has completed plans for the most extensive reforestation operations ever undertaken in this country, through the enlargement of the commission's Nurseries so as to produce between 35,000,000 and 40,000,000 two-year-old trees for planting in 1927.

This is nearly four times the present output of the Nurseries and is made possible by the appropriation of \$120,000 for reforestation by the Legislature this year.

The number of seed beds in the Nurseries has been increased to 4,568, the beds having an average capacity of more than 8,000 young trees.

Clifford R. Pettis, superintendent of state forests, has procured seeds and planned the lay-out of beds for twelve varieties of forest trees. More than a ton and a quarter of tree seeds will be required to plant the beds, and they will come from all parts of this country and from Europe.

WOULD PLANT 40,000 ACRES

The supply of young trees that will be produced by 1927 from the seed to be planted this spring would plant about 40,000 acres, an area larger than the county of New York, Richmond or Bronx.

There will be 1,542 beds sown with white pine seed, estimated to produce 12,336,000 trees, from 1,165 pounds to seeds collected in the Adirondacks and purchased in Minnesota and Ontario.

Two hundred beds of Scotch pine will require sixty-seven pounds of seed from Germany estimated to produce 2,000,000 trees.

One bed will be sown with slash pine. This is an experiment and the seeds were furnished by the Great Southern Lumber Company of Bogalusa, La.

VERMONT DONATES PINE

One bed will be sown with Corsican pine, donated by the Commissioner of Forestry of Vermont, and the seeds obtained in southern Europe.

Ninety beds will be sown with European larch, estimated to produce 900,000 trees, from ninety pounds of seeds imported from Austria.

There will be 1,280 beds of Norway spruce, estimated to produce 19,240,000 trees, from 640 pounds of seeds imported from Austria.

There will be 140 beds of white spruce, estimated to produce 1,120,000 trees, from seventy pounds of seeds imported from Denmark.

There will be 105 beds of white cedar, estimated to produce 630,000 trees, from thirty-five pounds of seeds collected in New York and Pennsylvania.

There will be 129 beds of balsam, estimated to produce 774,000 trees, from 97 pounds of seeds collected in the Adirondacks.

There will also be used 100 pounds of black locust, imported from Austria, estimated to produce 100,000 trees.

OUTPUT THIS YEAR 10,000,000

The Conservation Commission expects to have 39,000,000 more trees in its Nurseries on July 4 than it now has. The output of the Nurseries this year will be approximately 10,000,000. It is estimated that there will be about 17,000,000 available in 1926, and under this plan, there will be 39,000,000 two-year-old seedlings available.

There are in New York State about 4,000,000 acres of land suitable for growing forests that is now idle and non-productive.

State Nurseries Comment—A controversy of long standing still rages in several states around the question of state-owned Nurseries for the production of stock for (1) forest planting, (2) wind-break and woodlot planting, and (3) general distribution to the public. Nurseries clearly deserve the ornamental trade, while state Nurseries surely commit no error in supplying trees for reforestation purposes. Both sides are quite likely to misinterpret the acts and statements of the others, quite overlooking the fact that they are partners in the worthy movement to beautify and to increase the tree plantings of America. Standing on this platform it should not be difficult to agree upon some clear line of division.—H. B. T. in Rural New Yorker.

To Make the Land Pay

Counties and towns in New York State that have had to take over land for taxes see in reforestation an opportunity to make the land pay. Otsego County has entered upon a ten year reforestation project, spending \$5,000 a year throughout this period for planting trees on unused land.

There were shipped from the New York Conservation Department's three Nurseries for spring planting 21,760,000 trees, of which 5,400,000 were planted on state land and 16,360,000 by private individuals, counties, cities, towns, villages, school districts, Boy Scouts, sportsmen's clubs and other organizations. The number of trees planted this spring exceeded by more than a million and a quarter the total plantings of last year for both spring and fall. This spring's planting exceeded last spring's by more than 25 per cent and last spring's planting broke all previous records.

The fact that it is more profitable to reforest idle non-agricultural land than to leave it non-productive and pay taxes on it, has brought many recruits to the reforesting movements, and is bringing more every year, as early plantations demonstrate what may be expected from planted forests. A large percentage of this year's orders came from individuals or communities having plantations ten years old or older.

Capacity of the forest tree Nursery operated in conjunction by the Raleigh, N. C., Department of Conservation and Development and the United States Forest Service at the State College Farm will be almost quadrupled for next year's crop. Plans have been made and seeds planted so that 250,000 pine tree seedlings may be available for distribution for next year's planting season. This season, the first crop year for the Nursery, has yielded approximately 70,000 of the seedlings, more than half of which are still available to the farmers of the state.

Pine seed for the Nursery have been gathered under the direction of F. H. Claridge, assistant forester in charge of the Nursery. By gathering and preparing the seed, the assistant forester has brought about a saving of almost \$500 for the Nursery. The average cost of the seed per pound is \$2.52 while commercial prices range around \$7 per pound. The total amount of seed gathered and prepared for planting under the direction of the assistant forester is 99.5 pounds.

It is estimated that next year's crop of seedlings will be sufficient to set more than 300 acres of land. It is the purpose of the department to increase the number of seedlings each year as the demand for planting grows larger.

Extent of Canadian Operations

During the season of 1926 the Forest Service of the Department of the Interior at Ottawa, Canada, through the forest Nursery stations at Indian Head and Sutherland, Saskatchewan, sent out 5,512,425 little trees for planting on prairie farms, and since the beginning of this work in 1901 the total number of trees so sent out has been a little over 87,500,000. The aim of the Department of the Interior has been to give farmers a start so that once a plantation was established the seeds and cuttings from it could be used to begin other shelter-belts. That this is the way in which the scheme has worked is indicated by the fact that under the influence of these eighty thousand original plantations the general appearance of the prairie in many sections is gradually changing and on all sides there are splendid examples of cosy farm homes, set amid well planned shelter-belts and surrounded by gardens containing bush and tree fruits.

While the quarantine on the movement of farm products because of the spread of the Japanese beetle was removed on October 1, and on cut flowers October 15, the restrictions on the movement of all Nursery, ornamental and greenhouse stock, sand, soil, earth, peat, compost and manure continue through the entire year.—Pa. Dept. Agr.

Trees for New York City

One of the largest municipal tree Nurseries in the country is situated in the northern extremity of Pelham Bay Park, New York City, occupying also a portion of Hunter's Island.

It is the property of the park department, and is regularly used in supplying trees for the beautifying of various parks in the city, particularly in the uptown sections. During the blight of the chestnut trees in Van Cortlandt Park, it did good service, supplying some 40,000 trees to replace those that were destroyed.

The 75,000 trees are all of the evergreen variety, including white pines, Austrian pines, and Norway spruce. These trees are said to be particularly adapted to the soil of the parks in the upper city, and have been successfully transplanted in every instance since the inception of the Nursery four years ago.

The seedlings forming this Nursery were obtained from the Conservation Commission. They took readily to the soil of Pelham Bay Park, and are now available for transplanting whenever and wherever needed.

"The advantage of having such a Nursery at the disposal of the Park Department," Commissioner Hennessy declared, "is obvious, both from the standpoint of economy, and efficiency. Not only has it been unusually successful, and therefore economical, but we are now able to replace old trees, or plant new ones on two hours' notice, hardly more than the time it takes us to cart the seedlings to the place where they are to be transplanted."

"Formerly, when we had to purchase our seedlings, it would often be from several days to a week before we could obtain them. Also, since we could never be sure as to exactly when they would arrive, we could not as efficiently direct the force at our disposal."

Trees Free to Individuals

The Maryland Department of Forestry offers to furnish either this fall or next spring a sufficient number of trees for planting five miles of improved, public highway. Seven species of trees are available, black walnut, American elm, white ash, black locust, honey locust, tulip, poplar and cypress. This list offers a sufficient variety to meet a wide range of conditions. The trees will be distributed to responsible organizations, or individuals, for planting not less than one-quarter mile, nor over one mile, on both sides of the highway.

Convention and Flower Show

Annual convention of the Southeastern Florist Association and first annual flower show under the auspices of the association will be held Nov. 9-12 at Kenilworth Inn, Asheville, N. C. Florists of Alabama, Florida, Georgia, Louisiana, Mississippi, North Carolina, South Carolina and Tennessee are included in the field covered. John Wolf, Savannah, Ga., is president. H. E. Bates, Greensboro, N. C., is secretary of the association. Mrs. John Francis Amherst Cecil is sponsor and Otto Busick is general chairman of the flower show. Elaborate programs for both events have been prepared. A visit to Biltmore estate is a feature. Paul C. Lindley, Greensboro, N. C., is to lecture before the garden clubs of Asheville and the Governor of North Carolina is to deliver an address. Cherokee Indian exhibits will be a special feature.

Seventh annual meeting of the Iowa Nurserymen's Association will be held in conjunction with the sixty-second annual meeting of the Iowa Horticultural Society, at Savery Hotel, Des Moines, Dec. 7-8. The Nurserymen will hold a business meeting Dec. 6th.

H. C. Franklin Nurseries, Santa Cruz, Cal., have been sold to Nathan Menderson, horticultural and floricultural specialist, formerly of Cincinnati, O., who will feature rare and ornamental plants and shrubs, wholesale and retail, and landscape work in which he has been a specialist for many years. He was for six years with the Earl Fruit Company as horticultural specialist and for seven years with the United States government in the same capacity.

Clean Coast Grown SEEDLINGS

Properly ripened, carefully dug and graded, and packed so they will reach you in first class condition.

APPLE, Malus—Pyrus Malus
PEAR, Chinese—Pyrus Calleryana
" Chinese—Pyrus Ussuriensis
" French—Pyrus Communis
" Japan—Pyrus Serotina
CHERRY, Mazzard—Prunus Avium
" Mahaleb—Prunus Mahaleb
PEACH, from Lovell Seed
PERSIMMON, De Lotus
PLUM, Myrobalan—Prunus Myrobalana
BIRCH, European White—Betula alba
ELM, Chinese—Ulmus pumila
MAPLE, Norway—Acer platanoides
" Sycamore Purple—Acer pseudo-platanus purpureus

ROOTED SEEDLINGS

QUINCE, Anglers
ROSE, Manetti
Also a very complete line of Fruit Trees, Ornamentals, Roses and Nursery Supplies.

Your Want List will be appreciated.

PORTLAND WHOLESALE NURSERY COMPANY

East Washington at Sixth Street
PORTLAND, OREGON

Bolling Farms Nurseries Growers

ORNAMENTAL SHRUBS,
BROAD LEAVED EVERGREENS,
PRIVET, VINES, POPLARS,
ARBORVITAE

And other conifers.

Catalog and list of our offerings will be sent upon request.

Bolling, Alabama, Dept. B

SPECIALS

Lombardy Poplar, 10-12 ft. \$.45
" " 8-10 ft.35
" " 6-8 ft.25
" " 5-7 ft.15
Silver Maple, 8-10 ft.60
" " 6-8 ft.35
" " 5-6 ft.20
Catalpa Bungei, 5-6 ft. 1.00
" " 4-5 ft.75
" " 3-4 ft.50

TITUS NURSERY CO.

WAYNESBORO, VA.

"We Ship 'Em Quick"

HARDY SHRUBS, ROSES, PRIVETS, FRUIT TREES, GRAPE VINES and SHADE TREES. CUT LEAF WEEPING BIRCH, A SPECIALTY.

Champion Nurseries

PERRY, OHIO

SPECIAL SERVICE

In filling orders for—
Rhubarb Horseradish
Strawberry Asparagus
—TO—
NURSERYMEN Extra Heavy 3-yr. Asparagus, \$5 M
Write For Wholesale List
W.W. THOMAS, Anna, Illinois
—The Strawberry Plant Man—

Are you preserving your copies of the AMERICAN NURSERYMAN? They are of unequalled historic value. An index for each volume.

LOW PRICES

Each rates in lots of
100 1000

Althea, Double Red, 2-3'	12c	9c
" " " 3-4'	15c	12c
" " " 4-5'	20c	18c
Deutzia crenata, 4-5'	20c	15c
Deutzia fortunei, 4-5'	20c	15c
Deutzia Pride Rochester, 3-4'	15c	10c
" " " 4-5'	20c	12c
Forsythia suspensa fortunei, 3-4'	17c	15c
Hydrangea paniculata grand'a, 1 1/2-2'	15c	12c
" " " 2-3'	20c	18c
Lonicera fragrantissima, 3-4'	15c	10c
" " " 4-5'	20c	15c
Lonicera morrowi, 3-4'	15c	10c
Philadelphus coronarius, 3-4'	15c	10c
" " " 4-5'	20c	15c
Philadelphus cor. grandiflora, 3-4'	18c	15c
" " " 4-5'	20c	18c
Rosa rugosa, red, 2-3'	18c	15c
" " " 3-4'	22c	20c
Spiraea arguta, 2-3'	10c	8c
" " " 3-4'	15c	10c
" reevesiana, 3-4 ft.	15c	12c
" " fl. pl., 3-4'	22c	
" thunbergi, 15-18"	12c	10c
" " " 1 1/2-2'	18c	15c
" " " 2-2 1/2'	20c	17c
" vanhouttei, 3-4'	16c	14c
Weigela nana variegata, 3-4'	25c	
" rosea, 3-4'	20c	
" vanhouttei, 3-4'	20c	15c

EVERGREENS

Azalea hinodegiri, puddled, 8-12"	65c	50c
" " " B&B, 10-12"	90c	80c
Thuja oc. globosa, puddled, 8-12"	30c	25c
" " " puddled, 12-15"	45c	35c

Howard-Hickory Nursery HICKORY, N. C.

AT THE FOOT OF THE BLUE RIDGE

SCARFF'S Nursery

Headquarters for
Small Fruit Plants

And Lining Out Stock

Strawberries
Raspberries
Dewberries
Blackberries
Elderberries
Currants
Gooseberries
Grape Vines
Horseradish
Asparagus
Rhubarb

Hardwood Cuttings
Iris
Spiraea in variety
Privet
Hydrangea P. G.
Mallow Marvel
Barberry Seedling
Peonies
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Salesmen send for catalog describing shrub and perennial compact folders and famous landscape plate book.

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We expect to have our usual supply of fruit trees, shade trees and ornamentals; grafted and budded pecans for the fall trade. Write us.

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Good Assortment
In Medium and Large Sizes.

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Concord GRAPE VINES

in all grades of

One and Two Year Stock

Will make an attractive Price on

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For Nov. and Dec. Delivery

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Silver Maples

6 to 8 feet
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10 to 12 feet
and
1 1/2 to 1 3/4 in.

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The Westminster Nursery

J. E. Stoner, Proprietor

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Offers in quantities California Privet 1 and 2 yr.; Rhubarb, 1 and 2 yr.; Asparagus, Washington varieties, 1 and 2 yr.; and a fine assortment of Shrubbery, Vines and light grade Evergreens, etc.

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Northern grown Strawberry, Raspberry, Blackberry and Grape plants.

We pack your retail orders at prices that will make large profits for you.

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FOR SALE

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Peony roots; forty acres of all varieties. Visit our fields. Lutz Peony Farms, Boonville, Ind.

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Magnolia Grandiflora. Nursery Grown. 3-4 feet, field grown, 40c.
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18-24 inch, field grown, 20c.
12-18 inch, field grown, 15c.
8-12 inch, field grown, 10c.
6-8 inch, from seed beds, \$60 per 1000.
3-6 inch, from seed beds, \$40 per 1000.
Also large stock fruit trees and ornamentals. Concord Nurseries, Dept. F., Concord, Ga.

WANTED

HELP WANTED

Dependable man to handle retail agency business of a long-established Nursery company in the Middle States. Good opportunity for one who is capable to take full charge and develop. Address B-76, care AMERICAN NURSERYMAN, Rochester, N. Y.

STOCK WANTED

Wanted—Some well-grown Virginia crab trees. Sunny Ridge Nursery, Round Hill, Va.

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Advertising for Nurserymen

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Grape Vines, Currant, Gooseberry, Red and Black Raspberry suckers and Trans. Strawberry, Rhubarb, Asparagus.

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Red or White, Plain or Printed

Sample Free.

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Elyria,

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NURSERY STOCK

Budded Roses, June bud Peach and Plum Trees, Magnolia figs, Shrubbery and Evergreens. Write for price list, also special price on car load of roses.

WILSON NURSERY CO.
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Home Nursery Company RICHLAND, WASHINGTON

Growers of

Chinese Elms, Ulmus Pumila, Ulmus Parvifolia, White Birch, Norway Maple, Seedlings and Shade Trees

"Grape Trees Ten Feet High"—A Michigan newspaper has the following, from Paw Paw, Mich.:

"Advertisement in family and farm journals of 'grape trees 10 ft. high bearing mammoth clusters of grapes, the finest you ever ate,' and other 'most curious novelties in the plant and vegetable kingdom' recently took Albert Campbell of Paw Paw before Federal Judge C. W. Sessions at Grand Rapids, on a charge of using the mails to defraud.

"According to the indictment, which was returned by the Federal grand jury in its last session, the tree grapes advertised were of an ordinary variety. Campbell advertised as the Maple City Nurseries, the indictment relates.

"He was brought into court on a bench warrant and stood mute. A plea of not guilty was entered and he gave bond of \$2,500 for appearance for trial. The charge of using the mails to defraud is based on the allegation that Campbell sent a shipment by parcel post and received payment by mail."

Greening Nurseries, Monroe, Mich., will improve South End Park, Royal Oak, Mich.

WANT ADVERTISEMENTS

SALESMAN WANTED—A well-established nursery company favorably known and favorably located in the central states, needs an office man of experience, capable of selling nursery stock by correspondence. The privilege of acquiring a working interest upon satisfactory plans is offered the right man. Must have nursery experience and possess sales ability. Give references, age, nationality, experience, education and past connection. Address B-81, care American Nurseryman, Rochester, N. Y.

WANTED

By an established Nursery of about 100 acres, close to Chicago, Ill., man able to take charge of propagating. Thoroughly experienced in Ornamental Stock, Evergreens and Perennials. Answer fully, stating age, experience and salary. Apply Box 91, Maywood, Ill.

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American Landscape School, 53 Newark, N. J.

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To all American Nurserymen and Seedmen desiring to keep in touch with commercial horticulture in England and the continent of Europe. Your best means of doing this is to take in the

HORTICULTURAL ADVERTISER

Our circulation covers the whole trade in Great Britain and the cream of the European firms. Impartial reports of all novelties, etc. Paper free on receipt of \$1.50 covering cost of postage yearly. As the H. A. is a purely trade medium, applicants should, with the subscription, send a copy of their catalogue or other evidence that they belong to the nursery or seed trade.

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Write CHARLES SIZEMORE, Secretary, Louisiana, Mo., for full particulars.

Convention Date: Denver, Colo., June 27-29, 1928

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Perry, Ohio

[LAKE COUNTY]

I have in surplus for Fall, 1927, or Spring, 1928, the following items in well finished stock:

10,000 Berberis thunbergi
50,000 California Privet
10,000 Spirea Anthony Waterer
10,000 Spirea froebell
20,000 Spirea Vanhoutte
5,000 Pear, Standard
20,000 Silver Maple

GRAPE VINES

(Our Specialty)

20,000 Agawam
10,000 Catawba
10,000 Brighton
2,000 Diamond
10,000 Delaware
60,000 Concord
20,000 Moore's Early
30,000 Niagara
5,000 Salem
30,000 Worden

The above offered items represent our surplus which we are willing to move at prices which might interest you. This is all well-grown stock, graded to the highest standard and we guarantee condition of same on arrival. Send us your inquiries and we will tell you what we can do for you.



We offer:

GRAPE VINES
CURRENTS, GOOSEBERRIES
in Standard and New Varieties; also
SMALL FRUITS and SHRUBS

Established 1866

T. S. HUBBARD CO.
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Red Raspberry Plants

Well rooted clean resorted sucker plants with the T root on, grown in sand and of disease free fields.

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Apples, Figs, Altheas, Butterfly Bush, California Privet, Grape Myrtle, Coral Berry, Deutzias, Forsythias, Loniceras, Philadelphia, Pussy Willows, Spirea, Weigelas, Climbing Roses, Carolina, Norway and Lombardy Poplars, Silver Maples and Tulip Trees.

Send us your want lists.

JONES' NORFOLK NURSERIES
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OLD DOMINION NURSERIES

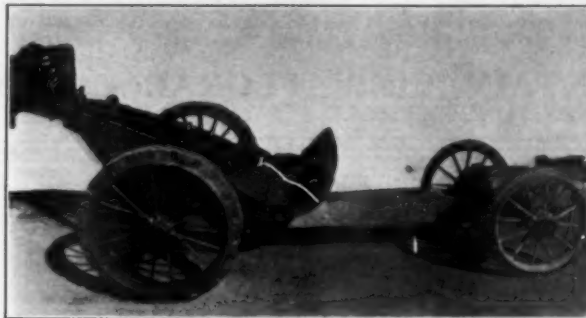
We offer for Fall, 1927:
Peach Trees; Amour River (North) and California Privet; Catalpa Bungei; Silver Maples; Lombardy Poplars; Evergreens; Azaleas—Crape Myrtle. We also offer a good stock of Extra Well Rooted Evergreens from beds for lining out purposes.
W. T. HOOD & CO., Richmond, Virginia
Send for our Wholesale lists.

IT COSTS LESS THAN 21 CENTS A MONTH TO KEEP IN TOUCH WITH THE TRADE THROUGH A REAL NURSERY TRADE JOURNAL.

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IRISH TREE MOVER



This Mover is practically all steel construction. The cut illustrates the curved cupped cradle with which the tree and ball of soil and roots are lifted and transported.

The rigs are made in two sizes for moving trees from 5"-20" in diameter. They are equipped with a winch, and may be had with rubber or steel wheels, roller or taper bearings.

Prices and descriptive leaflet on request.

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That MUST be moved.

6-8 8-10 10-12 12-14 feet

PRICED RIGHT

PACKED RIGHT

HILLENMEYERS' NURSERIES

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Also

White Dogwoods
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Mahonia aquifolium

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Buxus Sempervirens
28 in. Pyramids
100 at \$2 each; 1000 at \$1.50 each
Less 5% for cash.

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Established 1878

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For forcing, landscape and lining out.

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HIGH GRADES. LOW PRICES

Try them and you will be pleased.

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15,000 five to seven feet only, \$10.00 per 100; \$42.50 per 500; \$77.50 per 1000; packing additional except on car lots. Will cut back to any desired height for one cent each additional. Part growing near Dallas, remainder at Sherman, Texas. Also a full line of Nursery stock.

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HARDY VINES

We extend a cordial invitation to the trade to visit our extensive ROSEFARM and nurseries on the beautiful COLUMBIA HIGHWAY at Sandy River.

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Office: 341 E. 72nd St. S.

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Kelway's Old English Flower Seeds

and
CHOICE VEGETABLE SEEDS

New Season's prices now ready. If you have not received your copies please ask for them.

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Seed Raisers (Wholesale)

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ENGLAND

Fredonia Grown and Fredonia Grade

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Currants, Gooseberries
Raspberry Tips,
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In all grades and varieties. Let us have your list of wants. We can quote attractive prices.

Forty-two years experience in
Growing Nursery Stock

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**300,000 Concord
GRAPE VINES**

2-year-old, at \$3.00 per 1000

Write for special prices in quantity.

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Specialists

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Large and Small Specimens
Hedging Suffruticosa and
Sempervirens varieties

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**European and Exotic Tree Seeds
Fruit Stones**

of highest germinative faculty and purity controlled by the Austrian State
A. GRUNWALD KILNHOUSES
Member A. A. N. Established 1868
Forest Tree Seed Merchant
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**POPLAR, LOMBARDY
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All sizes from 5 to 6' up to 2" caliper

Catalpa Bungei

Nice smooth bodies with good heads
5 ft. and 6 ft. Stems

Write us for special prices on these.

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**EVERGREENS
FOR LANDSCAPE WORK**

Black Hills Spruce 3 to 16 ft.
Colorado Blue Spruce, shiners 3 to 18 ft.
Colorado Green Spruce 3 to 15 ft.
Colorado Kesters 10 to 14 ft.
Concolor Fir 10 to 25 ft.
Norway Spruce 3 to 20 ft.
Scotch and White Pine 4 to 20 ft.

Over 2500 guaranteed specimen trees.
Priced to sell. Write for prices.

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European Sycamore

6 to 8 feet
8 to 10 feet
10 to 12 feet
1 1/4 to 1 3/4 in.

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Well-rooted Cuttings

"WEST has the BEST"

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PERRY, OHIO

PRIVET AND BERBERIS

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Write for Special Quotations.

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58 Cents Per Week Contract

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Established 1870

Specialties

Amoor River North Privet, 2 yr.,
2-3 and 3-4 ft., well branched.

Bungei Catalpa, 4 1/2-8 ft. stems.

Lombardy Poplar, 5-6 to 10-12 ft.

Thurlo Willow, 5-6 to 10-12 ft.

Lonicera Bella Albida, 2-3 to 5-6 ft.

Deutzia Pride 2-3 to 5-6 ft.

Forsythia Asst., 2-3 to 4-5 ft.

Tamarix Asst., 2-3 to 5-6 ft.

Purple Wisteria, 2 & 3 yrs.

EVERGREENS—Biotas and Junipers, in good supply.

Early Harvest B. B. root grown plants.

Long list of Ornamentals in generous supply.

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Sample Copy postpaid, \$1.50
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Formerly CHRISTY, INC.
Searle Bldg. ROCHESTER, N. Y.

We are offering FREDONIA grown
**Grape Vines, Currants
and Gooseberries**

for fall and spring delivery of unexcelled quality. We grow everything we offer, AND KNOW HOW. Let us quote on your requirements before placing your orders.

**The F. E. Schifferli & Son
Nurseries**

Established 1890 Fredonia, New York

**MOSAIC FREE LATHAM
RASPBERRY PLANTS
HARALSON APPLE TREES
EVERGREEN SEEDLINGS**

Mugho, Scotch, White, and Norway
Pine—Norway, White, Black Hill,
and Colorado Blue Spruce—American
Arbor Vitae and Concolor Fir.

J. V. Bailey's Nursery
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We are the pioneer growers of budded and grafted pecans in the South. Have a complete stock of the leading standard varieties. Can furnish trees we know will please and give satisfactory results. Catalog free.

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Lining Out Evergreens

We can ship safely any time during winter and spring up to April 15th.

We pack our plants so that they have to reach you in good condition, whether you are located in Kansas, New York, Florida or Texas.

Here are a few selections from our complete list—all once transplanted except where noted—with heavy tops and roots.

		per 100	per 1000
CEDRUS deodara (from seedbed)	4-6 in.	\$ 7.50	\$ 60.00
libani	4-6 in.	7.00	60.00
CHAMAECYPARIS lawsoniana	6-8 in.	5.00	45.00
laws. alumi	6-8 in.	8.00	75.00
laws. viridis erecta	4-6 in.	10.00	90.00
laws. grandis (new)	3-5 in.	15.00	140.00
laws. pendula	6-8 in.	12.00	110.00
CUPRESSUS arizonica	6-8 in.	4.00	35.00
bardae sugi	3-5 in.	15.00	
marcocarpa	6-8 in.	2.50	22.50
torulosa majestica	6-8 in.	12.00	110.00
sempervirens (cuttings)	6-8 in.	8.00	75.00
sempervirens (seedlings)	6-8 in.	4.00	35.00
CRYPTOMERIA japonica elegans	8-10 in.	7.50	60.00
JUNIPERUS Pfitzeriana	5-8 in.	10.00	90.00
Pfitzeriana	8-10 in.	15.00	140.00
Chinensis procumbens	3-5 in.	12.00	110.00
communis	6-8 in.	10.00	90.00
communis depressa	4-6 in.	8.00	75.00
Communis depressa	8-10 in.	10.00	90.00

JUNIPERUS Pfitzeriana (Continued)		per 100	per 1000
hibernica fastigiata	6-8 in.	10.00	90.00
horizontalis	4-6 in.	12.00	110.00
sabina	4-5 in.	12.00	110.00
sabina	8-10 in.	15.00	140.00
sabina tamariscifolia	3-5 in.	12.00	110.00
LIBOCEDRUS decurrens	6-8 in.	8.00	75.00
RETINISPORA decussata	5-7 in.	8.00	75.00
leptoclada	6-8 in.	8.00	75.00
obtusa	6-8 in.	6.00	50.00
obtusa Crippsi	4-6 in.	15.00	140.00
plumosa	5-6 in.	8.00	75.00
squarrosa	4-6 in.	8.00	75.00
SEQUOIA sempervirens	4-6 in.	12.00	110.00
THUYA occidentalis pyramidalis	5-7 in.	10.00	90.00
orientalis compacta	4-6 in.	10.00	90.00
orientalis Bakers	5-7 in.	10.00	90.00
orientalis beverleyensis	5-7 in.	15.00	140.00
orientalis pyramidalis	5-7 in.	10.00	90.00
Rosedale	4-6 in.	8.00	75.00

Send for our complete list of small plants for lining out and growing on. We guarantee your dealings with us to be satisfactory.

Armstrong Nurseries

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ONTARIO, CALIF.

USE BUCKWHEAT HULLS "LIGHT AS SNOWFLAKES"

because it's the better quality brand. Put up in bags only. "You need not be burdened with considerable work and time as in using bailed Mull." Simply open one corner of bag to give free flow of hulls. Saves time and gives most satisfactory results for winter protection around shrubbery, perennial flower beds and borders, strawberry beds and other small fruits.

SUPERIOR TO COMMERCIAL HUMUS

BUCKWHEAT HULLS—WILL NOT pack or mat to the ground. Smother small plants or Dutch bulbs.

BUCKWHEAT HULLS—WILL lighten heavy soil or add humus to sandy soil. Protects small plants or Dutch bulbs. Holds soil moisture in summer when used as a summer mulch. Almost black in color, makes attractive bedding material.

BUCKWHEAT HULLS also furnish considerable plant food.

You will be pleased after using Buckwheat Hulls. Read what Mr. Powell, Roslyn, Pa., says about Buckwheat Hulls:

Used Buckwheat Hulls last fall as general mulch on Roses, Peonies, Hardy Plants and Shrubs. Everything stood the winter very good. Have dug the mulch under and all plants, etc., are looking fine. I am so well pleased that I enclose another order herewith. John W. Powell, Roslyn, Pa.

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Ammonia 1.6%, Phosphoric Acid .06%, Potash .75%. Compare this with Sheep Manure: Ammonia 2.25%, Phosphoric Acid 1.5%, Potash 2%.

BE CONVINCED. ORDER YOURS TODAY.

(Prices f. o. b. Towanda)

100 lbs., \$1.50; 300 lbs., \$4.00; 1000 lbs., \$12.00; 2000 lbs., \$20.00

Terms—Cash with order. 25% Discount to Nursery Trade.

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825 Main Street, Towanda, Pa.

\$10,000 SALESMAN WANTED

JUNGLE GARDENS, INC.,
the most progressive Nursery
in the South, wishes the ser-
vices of a salesman who can
EARN a salary of TEN
THOUSAND DOLLARS A
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Address:

JUNGLE GARDENS, Inc.
AVERY ISLAND, LOUISIANA.



Juniperus communis depressa
(Prostrate Juniper)



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HILL'S EVERGREENS

Our nursery, devoted exclusively to Evergreens, offers a never-failing supply to the trade for lining out in their own nurseries, as well as sizable trees for landscape planting. For more than seventy years we have been steadfastly improving existing forms and seeking out new and better types. The best of the world's Evergreens have been produced here and our assortment is the most complete to be found anywhere.

Hill's Evergreens have been famous for more than seventy years. You can place your orders with us with assurance. They will be executed in a most satisfactory manner.

Send for our trade list for nurserymen, only, also descriptive catalog which contains 40 pictures of ever-green trees in colors.

FIR				SERBIAN (OMERICA)				HILL'S PYRAMIDAL			
	Inch	per 100	per 1000		Inch	per 100	per 1000		Inch	per 100	per 1000
Balsam	6-8	10c	9c	Tigertail (Polita)	4-6	53c	43c	Rosenthal	12-18	40c	37c
Balsam	6-8	10c	9c	Colorado Blue	4-6	43c	33c	Umbraculifera	6-8	20c	19c
Balsam macrocarpa	4-6	7c	6c	Colorado Blue	6-8	15c	14c	White Tipped	8-10	25c	22c
Balsam macrocarpa	4-6	20c	19c	Colorado Blue	8-10	17c	16c	Siberian	4-6	15c	14c
Concolor	6-8	30c	25c	PINE				Woodward	6-8	15c	14c
Douglas	4-6	43c	33c	Jack	4-6	3c	2c	Woodward	8-10	30c	27c
Douglas	4-6	10c	9c	Hill's Mugho	4-6	11c	10c	Woodward	10-12	40c	37c
Douglas	6-8	15c	14c	Hill's Mugho	6-8	14c	13c	HEMLOCK			
Fraser	4-6	7c	6c	Austrian	8-10	10c	9c	Canadensis	4-6	13c	12c
Nikko (Homolepis)	4-6	10c	9c	Ponderosa	4-6	3c	2c	Canadensis	6-8	16c	15c
Nikko (Homolepis)	6-8	12c	11c	Red (Resinosa)	6-8	4c	3c	Canadensis	8-10	30c	29c
Veitch	4-6	8c	7c	White	4-6	3c	2c				
Veitch	6-8	10c	9c	White	6-8	8c	7c				
CEDRUS (CEDAR)				White	8-10	10c	9c				
Deodara	4-6	10c	9c	Scotch	6-8	3c	13c				
Libani	2-4	6c	5c	Scotch	8-10	83c	73c				
JUNIPER				YEW							
Chinese	4-6	7c	6c	American	8-10	10c	9c				
Chinese	8-10	15c	14c	Japanese (Cuspidata)	4-6	20c	19c				
Pfitzer	6-8	14c	13c	Japanese (Cuspidata)	8-10	50c	45c				
Communis	6-8	33c	23c	Dwarf Japanese	4-6	20c	19c				
Communis depressa	6-8	71c	61c	BIOTA							
Communis depressa	8-10	20c	17c	Aurea nana	4-6	13c	12c				
Golden Prostrate	4-6	20c	18c	Aurea nana	6-8	15c	14c				
Irish	10-12	133c	123c	Bonita	4-6	13c	12c				
Swedish	4-6	13c	12c	Bonita	6-8	15c	14c				
Spiny Greek	4-6	15c	14c	Compacta	4-6	13c	12c				
Hill's Waukegan	6-8	20c	17c	Compacta	6-8	15c	14c				
Japanica (Procumb's)	8-10	323c	30c	Pyramidalia	4-6	13c	12c				
Sabina	8-10	40c	35c	Pyramidalia	6-8	15c	14c				
Tamariscifolia	6-8	25c	22c	ARBORVITAE							
Coast of Maine	4-6	15c	14c	American	8-10	6c	5c				
Hill's Silver	4-6	8c	7c	American	10-12	10c	83c				
Redcedar	6-8	7c	6c	American	12-18	20c	19c				
Koster	4-6	15c	14c	Douglas Golden	8-10	15c	14c				
Hill's Pyramidal	8-10	38c		Douglas Pyramidal	6-8	15c	14c				
SPRUCE				Globosa	6-8	14c	13c				
White	4-6	4c	3c	Hovey's	4-6	11c	9c				
White	8-10	10c	9c	Hovey's	4-6	11c	9c				
Black Hill	4-6	6c	5c	Hovey's	8-10	15c	14c				
Norway	6-8	3c	13c	Little Gem	6-8	30c					
Norway	8-10	10c	9c	Geo. Peabody's	4-6	12c	11c				
Norway	12-18	163c	15c	Hill's Pyramidal	4-6	10c	9c				
				Hill's Pyramidal	8-10	15c	14c				

o indicates seedlings; x indicates one transplanting

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DUNDEE ILL.